

***PREFINISHED
STEEL
DOOR
FRAMES***

AMERIS[®]



PREFINISHED STEEL DOOR FRAMES

A DIVISION OF S.D.S. INDUSTRIES, INC.

www.timelyframes.com

Corporate Office:

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Pacoima, CA 91331-2292

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Frames can be manufactured to Hollow Metal locations

Resource Manual

Effective: March 2007

Price: 15.00

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YOUR SINGLE SOURCE FOR PREFINISHED DOOR FRAMES

Since its founding over 30 years ago, Timely Industries, Inc. has adhered to a policy of manufacturing the most advanced designed prefinished door frames, borrowed lites and sidelites. Today, Timely is the largest manufacturer of prefinished door frame systems incorporating superior quality at genuinely competitive prices.

A COMMITMENT TO SERVICE AND QUALITY

It is extremely gratifying to us to know that our products are recognized by architects, interior designers and contractors nationwide for their outstanding quality and design flexibility for interior drywall construction. We are committed to continuing to meet this responsibility-from management to manufacturing-by maximizing efficiency and service to our customers without compromising quality.

OUR VISION

"Timely is committed to being the leading manufacturer of door frames through innovation, unsurpassed customer service and product excellence.

MAINTAINING MAXIMUM OPERATING EFFICIENCY

Located in the suburbs of Los Angeles, our 80,000 square foot state-of-the-art manufacturing facility is capable of manufacturing over 2,600 frames per day. Along with our stocking warehouse in Cincinnati, we are within easy reach of your construction projects. These facilities have been specifically engineered for fast, accurate handling of orders and shipments.

PRODUCTS YOU CAN COUNT ON

Timely provides 5 different profiles of casings in steel, aluminum and PVC. In addition, a choice of wood trims, supplied by others, can easily be fastened to our steel door frame. Timely offers the advantage of a patented, sustained clip system which holds the trim securely to the wall creating true and tight miters.

PERFORMANCE YOU NEED

Timely frames are adaptable to many different wall sizes and conditions in both commercial and residential projects. The frame sleeves quickly over the wall and attaches in minutes for savings in both labor and materials. Because the frames are delivered prefinished, they can be installed after the walls are painted. A sturdy, factory controlled baked-on polyester coating assures maximum durability and impact resistance-unmatched by any field painting.

VARIETY OF STANDARD AND CUSTOM COLORS

Timely frames are available in six standard colors, 29 pre-matched colors and unlimited custom matching. With Timely prefinished frames, you save on painting costs and eliminate the risk of inadequate prep work and the hassle of messy spills, poor touch-ups and work disruption common with job-site painting.

STRENGTH AND INTEGRITY

The Timely door frame system meets or exceeds the strength of 3-piece hollow metal KD frames. In laboratory tests, our frames easily held a 500 pound door—a demonstration of Timely's advanced engineering that features a uniquely designed wall anchoring system plus hinge reinforcement plates with 12 gauge strength.

FULL 90-MINUTE FIRE RATING

You can count on Timely frames to measure up to your every design requirement including fire ratings. Timely frames can retain a full 90 minute fire rating. The fire rating for borrowed lites is up to 60 minutes, sidelites up to 45 minutes.

POSITIVE PRESSURE

Timely prefinished frames are engineered to deliver a 90-minute positive pressure fire rating for wood/steel stud drywall or masonry wall construction. Frames have undergone testing by Warnock Hersey International. They are labeled fire rated Category "A" door or Category "B" door with approved Category "G" edge-sealing system.

PARTNERS IN PROGRESS

It has always been our objective to be a dependable partner in progress to our customers, and we are dedicated to keeping pace with every design and technological advancement which affects us and those we serve.

TIMELY INDUSTRIES LIMITED WARRANTY

S.D.S. Industries, Inc., a California Corporation D.B.A. Timely Industries (hereafter called Timely) warrants to the original consumer purchaser that its Timely Prefinished Steel Door Frame, when utilized for interior frame use, will be free from defects in material and workmanship for a period of one year from the date of purchase.

This warranty is applicable only when the products covered by it:

- 1) have been installed in accordance with the recommended written installation instructions of Timely Industries and with established building practices.
- 2) have been accorded treatment which is considered good practice in the Building Industry regarding storage and maintenance.
- 3) have been subjected only to normal use because Timely Industries cannot control the manner in which its products are handled after leaving its premises.
- 4) this warranty does not apply to the finish or accessories of any product, and shall not apply to any frame exposed to a corrosive or humid environment. If the frames are used for exterior exposure, a galvanized finish must be supplied, and/or adequate field painting is required for proper weather proofing.

ANY AND ALL IMPLIED WARRANTIES APPLICABLE HERETO ARE LIMITED TO ONE YEAR FROM THE DATE OF PURCHASE. Some states do not allow limitations on how long an implied warranty lasts, so the above time limitation may not apply to you.

In the event the original consumer purchaser of any Timely Industries Prefinished Steel Door Frame believes that the frame or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

TIMELY INDUSTRIES, 10241 NORRIS AVE, PACOIMA, CA 91331

Any Timely Prefinished Steel Door Frame or any parts thereof covered by this warranty which, upon inspection by an authorized Representative of Timely Industries are found by said Representative to be defective, will at the option of Timely Industries either repair, replace or refund the purchase price of the frame or component part. Liability is limited to repair, replacement or refund and does not include labor, installation cost, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion, set forth in this paragraph, may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

TECHNICAL SUPPORT

Timely is not only recognized as the originator of the prefinished drywall frame concept, but the firm is well known for its innovative ideas, products and applications. Timely provides the services of a tool and die shop, a knowledgeable sales force and stocking distributors to satisfy your needs on time and at competitive prices. We are committed to providing nothing less than the best.

General Information

How to Order Timely Frames

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

1. **Please specify quantity.**
2. **Frame Size and Thickness followed by Handing** (REV, LH, RH),
 3/16" is added to all upright dimensions unless specified as a **net** dimension.
3. **Wall Size and Series...** First number indicates Inches. Second number indicates Eighths of an inch followed by "S" for 20 GA., "C" for 18 GA.
 EXAMPLE... 47C = 4-7/8" Wall, 18 GA. Frame.

} Wall sizes available in 1/8" increments
4. **Hinge Preparation for 1-3/8" Doors**

} *Standard 1/4" Radius hinge emboss or 5/8" Radius hinge emboss on request

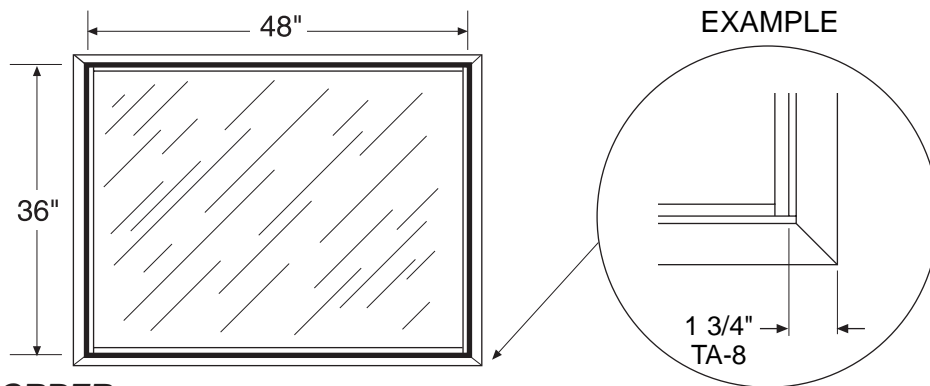
235 denotes 2 ea. 3-1/2" hinges
 335 denotes 3 ea. 3-1/2" hinges
 435 denotes 4 ea. 3-1/2" hinges
 435 **PR** denotes 4 ea. 3-1/2" hinges (2 hinges each side of frame)
 635 **PR** denotes 6 ea. 3-1/2" hinges (3 hinges each side of frame)

Hinge Preparation for 1-3/4" Doors
 340 denotes 3 ea. 4" hinges
 440 denotes 4 ea. 4" hinges
 345 denotes 3 ea. 4-1/2" hinges
 445 denotes 4 ea. 4-1/2" hinges
 640 **PR** denotes 6 ea. 4" hinges (3 hinges each side of frame)
 840 **PR** denotes 8 ea. 4" hinges (4 hinges each side of frame)
 645 **PR** denotes 6 ea. 4-1/2" hinges (3 hinges each side of frame)
 845 **PR** denotes 8 ea. 4-1/2" hinges (4 hinges each side of frame)

Special Hinge Preparation
000 denotes cased opening (No strike or hinge prep) (**Must specify with stop or no stop**)
5. **Strike Preparation...** For adjustable 2-3/4" "T" Strike, 4-7/8" "ASA" Strike, N/S denotes no strike preparation, or electric strike (Consult factory for type).
 For 2-3/4" "T" Strike choose from following finishes: Brass, Bronze, Oil Rubbed Bronze or Zincrome (For other finishes, see add page 26).
6. **Finish...** Browntone (BRN), Autumn Brown (AB), Black (BLK), Western White (WTW), Stone Gray (SG), Alumitone (AL), Prime (EG) or Electro Galvanized (EG). Custom colors upon request.

Please write orders in the following sequence:

1 Qty.	2 Door Size and Thickness	3 Wall Size and Series	4 Hinge Prep	5 Strike Prep/Finish	6 Finish
50 EA.	3/0 x 7/0 x 1-3/4 20 LH 30 RH	47C	340	Electric Strike	SG
80 EA.	2/6 x 6/8 x 1-3/8 REV	45S	235*	2-3/4" Bronze	BRN
43 EA.	2/8 x 7/0 x 1-3/4 REV	53C	345	N/S	BLK
61 EA.	6/0 x 6/8 x 1-3/8	36S	435PR*	None	WW
20 EA. with ASA strike prep	3/6 x 8/0 x 1-3/4 RH	34C	440	4-7/8"	NW
32 EA. with double strike prep 3-5/8" CNT to CNT	4/0 x 9/0 x 1-3/4 LH	67C	445	2-3/4" Brass	AB



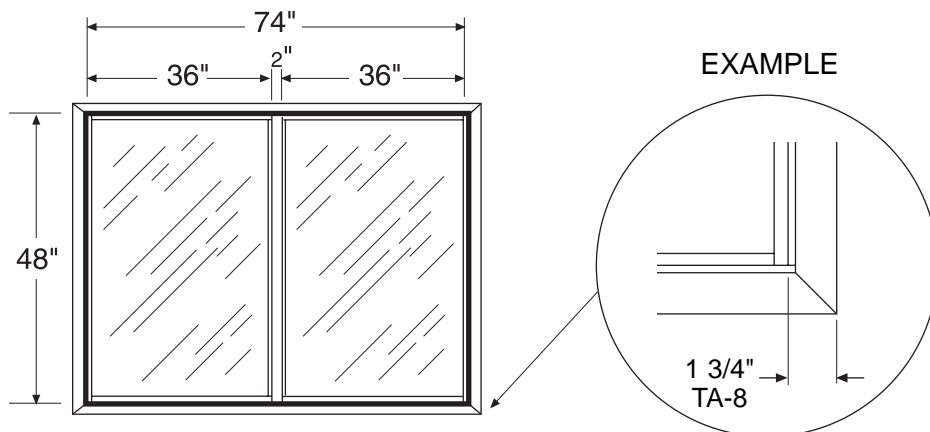
HOW TO ORDER:

Order by Net I.D., giving width first and height second followed by wall thickness.
 (Ex. 48" wide x 36" high x 47S)

ROUGH OPENING:

Add 1 1/4 inches to width and 1 1/4 inches to height of Net I.D.
 (Ex. 49 1/4" x 37 1/4")

NOTE: For glass size, 1/8" less in width & height is common field practice.



HOW TO ORDER:

Order by Net I.D., giving width dimension first and height dimension second then wall thickness. Followed by the number of vertical/horizontal mullions.
 (Ex. 74" x 48" x 47C w/one vertical mullion)

ROUGH OPENING:

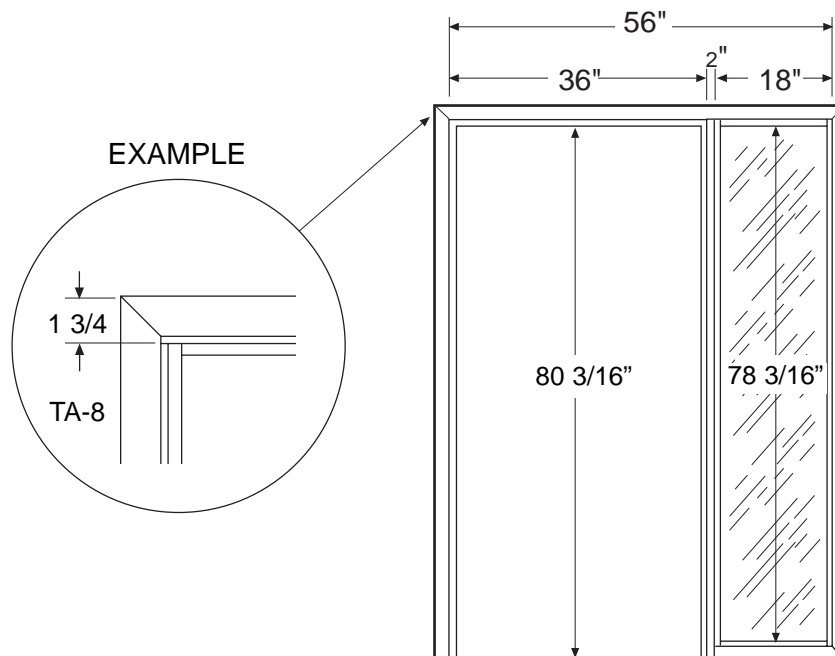
(With vertical mullion)

Add 1 1/4", once only, to total of the combined Net I.D. in width and then add 2" more for each mullion used. Add 1 1/4" to height of Net I.D.
 (Ex. 36" + 36" + 2" + 1 1/4" = 75 1/4" W) (48" + 1 1/4" = 49 1/4" H)

(Horizontal mullion)

Add 1 1/4", once only, to total of the combined Net I.D. in width and then add 2" for each horizontal mullion used. Add 1 1/4" to height of Net I.D.
 (Ex. 36" + 36" + 2" + 1 1/4" = 75 1/4" W) (48" + 1 1/4" = 49 1/4" H)

NOTE: For glass size, 1/8" less in width & height is common field practice.



HOW TO ORDER:

(Ex. 3/0 x 6/8 door with 1-6 sidelite)

STEP 1: Order by Net I.D. door width x height x 1 3/8 or 1 3/4 x wall size and series.

STEP 2: Give Net I.D., width x height of sidelite. If sidelite is full height, please note that the bottom sill reduces the height dimension by 2". It is therefore strongly recommended that the final glass measurement is made after the installation is complete.

(Ex. 3/0 x 6/8 x 1 3/4 x 47C 340 with 1/6 x full height sidelite right hand).

STEP 3: Give complete handing information, hinge prep and strike information.

If layout is reversible, handing is required for notching. (Must specify location of strike).

ROUGH OPENING:

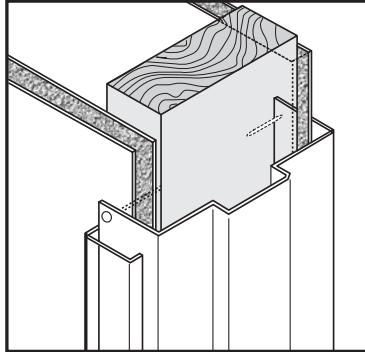
STEP 1: To determine rough opening, add width of door, 2" for mullion, to width of sidelite and add 1 1/4" for rough opening width.

(Ex. 36" + 2" (mullion) + 18" + 1 1/4" = 57 1/4"W (see example above).

STEP 2: Add 1" to height of door for rough opening height.

(Ex. 80" + 1" = 81" H)

WALL CONSTRUCTION

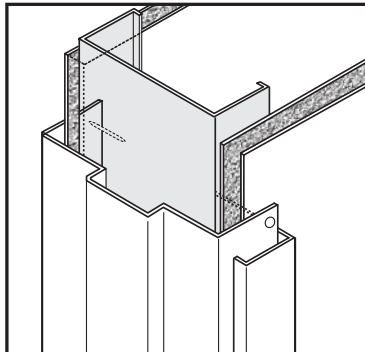


WOOD STUD DRYWALL

(also for solid, semi-solid partitions or plywood sandwich walls)

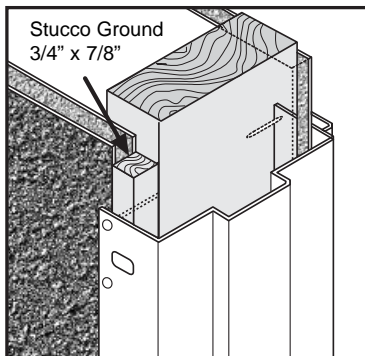
RECOMMENDED FASTENER:

6d common or
 8d common nail
 1/4" (min.) Type "S" or
 1-1/4" (min.) Type "G"
 Drywall screws-coarse
 thread



METAL STUD & DRYWALL RECOMMENDED FASTENER:

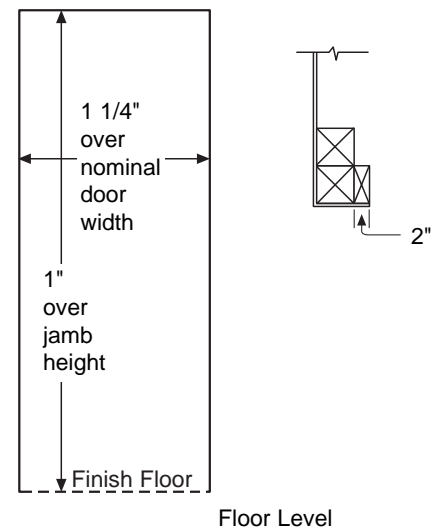
1/4" (min.) Type "S" or
 1 1/4" (min.) Type "G"
 Drywall screws



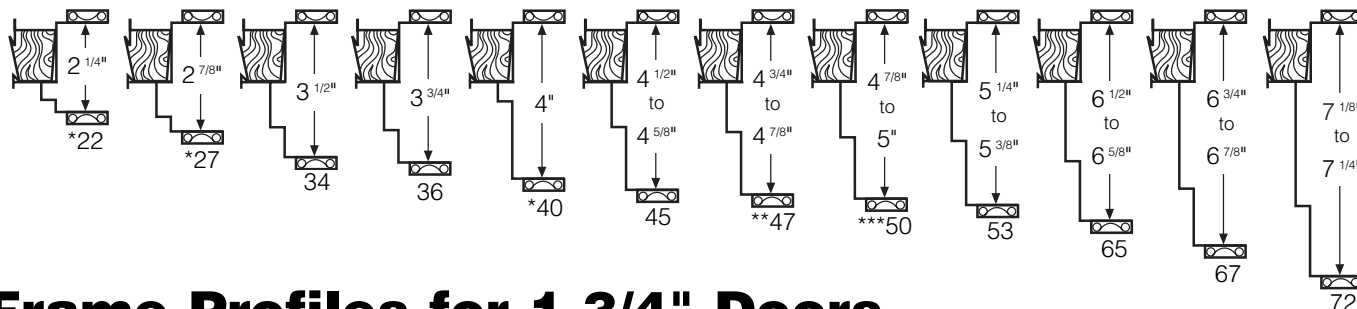
WOOD STUD & EXTERIOR STUCCO WITH DRYWALL RECOMMENDED FASTENER:

6d common or
 8d common nail
 1/4" (min.) Type "S" or
 1 1/4" (min.) Type "G"
 Drywall screws-coarse
 thread

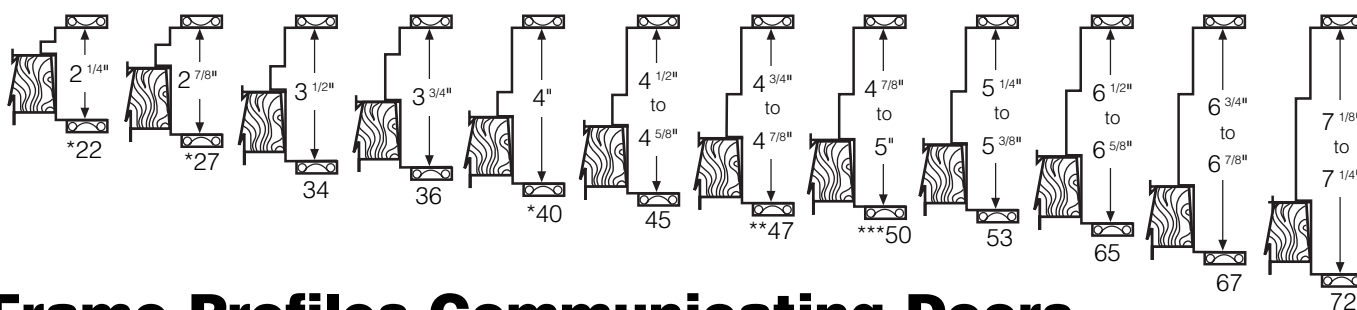
ROUGH OPENINGS FRAMING INSTRUCTIONS



Frame Profiles for 1-3/8" Doors



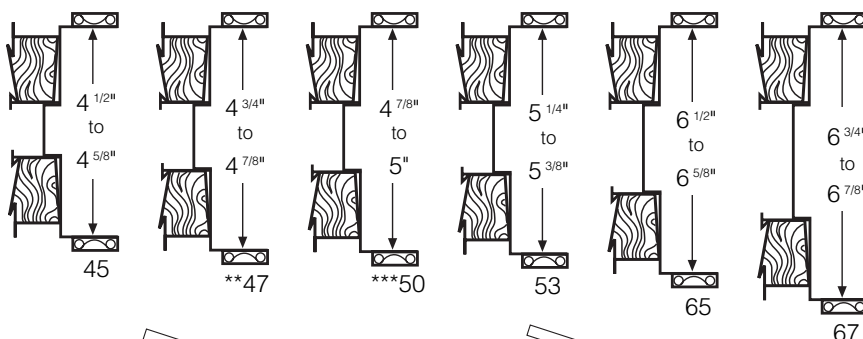
Frame Profiles for 1-3/4" Doors



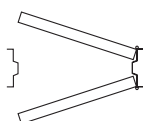
Frame Profiles Communicating Doors

Maximum reduction of noise level traveling from room to room through communicating doors is best achieved by using different door thicknesses. Our standard communicating frame is designed to utilize a 1 3/8" and a 1 3/4" door.

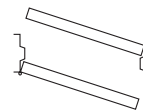
Also available to accommodate two 1 3/4" or 1 3/8" doors upon request.



- * Denotes special order. Refer to office
- ** Recommended for use with 3 1/2" wood studs
- *** Recommended for use with 3 5/8" steel studs

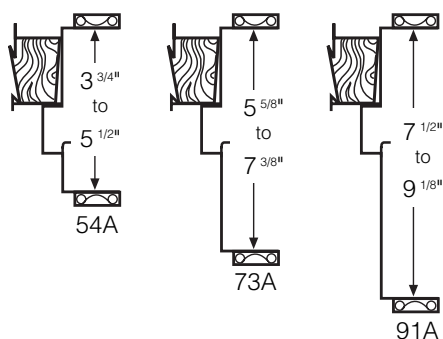


Standard



On Request

Adjustable Frame Profile for 1-3/4" Doors



Non-Standard Wall Sizes

Timely Prefinished Steel Door Frames are readily available for non-standard wall sizes up to 13" in width and 10 feet in length. Wall sizes less than 4 1/2" and communicators with equal rabbets are limited to 10 feet in length. Please contact Timely for additional information and availability of sizes.

STANDARD FRAME PROFILE FINISHES

Compare our standard finishes to ordinary electrostatic or field applied paint.

DURA COAT ZT POLYESTER SYSTEM

Test	Specification	Results
60° Specular Gloss	ASTM D-523	10-90% Standard Gardner 60° meter or equivalent.
Pencil Hardness	NCCA II-12	F-H
Post Forming 180° Bend	NCCA II-10	0-T No pick off with Scotch # 610 tape.
Reverse Impact, 60 inch-pounds	ASTM D-2794	Passes No pick off with Scotch # 610 tape.
Q.U.V. Weatherometer, 1000 hrs.	ASTM G-53	Passes No objectionable chalking per ASTM D-659, color change per ASTM D-2244, or blistering per ASTM D-714.
DEW Cycle Weatherometer, 500 hrs.	ASTM D-3361	Passes No objectionable chalking per ASTM D-659, color change per ASTM D-2244, or blistering per ASTM D-714.
Humidity, 1,000 hrs. @ 100° F and 100% Humidity	ASTM D-2247	Passes Less than 5% No. 8 size blisters.
Salt Spray, 400 hrs. 5% Salt	ASTM B-117	Passes No opening or rusting less than 5% No. 6 blisters per ASTM D-1654.
Outdoor Accelerated	EMMAQUA	Passes 1,000,000 Langleys, Sun, Arizona exposure, no objectionable chalking, color change or blistering.

ADJUSTABLE FRAME POWDER COAT FINISHES

Timely has chosen a Polyester Powder coating designed for exterior environment.

It offers excellent light, weather resistance and color retention.

Test	Specification	Results
Humidity Resistance (Test panels: Oakite treatment) CRS-3-stage clean CRS 3-stage iron phosphate CRS-5-stage iron phosphate Aluminum-4-stage chromate Aluminum-2 stage acid clean CRS-5-stage zinc phosphate CRS-5-zinc phosphate, (non chromic rinse) Atlas Weatherometer	ASTM D-2247	No effect after 1700 hrs. 1700 hrs. 1700 hrs. 1700 hrs. 1700 hrs. 1700 hrs. 1700 hrs. 1700 hrs.
Abrasion Resistance CS-10 wheel, 1000 gram loading, 1000 cycles	Taber Abraser	No deterioration of film after 500 hours. 35 mg. weight loss
Adhesion	Cross Hatch Knife scratch, ASTM D-2197	No Loss. No Loss
Flexibility	Impact, ASTM 3-2794 160 inch-pounds Mandrel, ASTM D-522 18" radius bend	Face: No Cracking Reverse: No Cracking No Cracking
Hardness	Pencil (Indentation Method) Princeton Scratch, SG 1620E Stylus (Ref. ASTM D-2197)	AVE-2H 150g.
Household Detergent Resistance (Test panel: cold)	ASTM D-2248	No effect after 672 hrs.
Fungus Resistance		Will not support fungus growth

If field painting is required over the standard Timely factory prefinished frame please observe the following.

A micro-layer of wax is applied to the frame as a lubricant during manufacturing. It must be removed prior to applying paint to ensure proper adhesion.

Wipe the frame, using protective gloves, with a good cleaner whose use is allowed by local authorities (ex.: paint thinner, isopropyl alcohol, Simple Green, etc.).

Wipe the frame so it is completely dry and dust free. The best adhesion is achieved by carefully preparing the base. We strongly recommend rubbing all surfaces with a Scotch Brite (fine to medium pad) after cleaning. Wipe the frame so it is completely dry and dust free. Painting should be done immediately after cleaning to prevent a dust build-up. This is especially important when water based paints will be used.

AS A RESULT OF STRINGENT ENVIRONMENTAL RESTRICTIONS, WATER BASED PAINTS ARE FAST BECOMING THE ACCEPTED STANDARD. DUE TO THE LARGE VARIETY OF THESE PAINTS, IT BECOMES IMPERATIVE THAT A SAMPLE TEST IS MADE PRIOR TO **PAINTING** TO ASSURE PAINT COMPATIBILITY AND ADHESION.

Although acrylic water based paints are dry to the touch in an hour or so, they usually require between 10 to 14 days before they are fully cured. This can be tested by pressing the edge of your fingernail against the paint. If an impression is left then the paint is not yet fully cured.

To insure good adhesion of acrylic water based paints, a prime coat is necessary prior to top coat.

If you plan to paint over light and dark finishes with the same color, then a prime coat will be required to achieve uniform color.

Please request a sample chip to field test prior to ordering paint.

Timely's Chemically Passivated electro-galvanized frames are produced by an uniquely special process which adds a chemical seal over the zinc substrate. It enhances both its rust inhibiting characteristics and creates a surface suited for field painting.

Proper surface preparation prior to painting will insure a quality finish with good adhesion. The surface must be completely dry and free of all contaminants such as oil, dust, dirt, etc.

<i>Top Coat</i>	<i>Adhesion</i>	<i>Preparation</i>
lacquer	good	1. Using just a few drops of a common dish washing detergent diluted in a container of water, clean the frame. (Palmolive, Ivory, TSP, Simple Green, etc.) 2. With a damp cloth, remove any soapy residue immediately. 3. Dry the frame and paint as soon as possible. WARNING: Do not use a solvent to clean the frames. It is unnecessary and could effect adhesion.
acrylic* water	good	
alkyd (oil)	very good	

*To help support a clean environment, we suggest an acrylic water based paint be used.

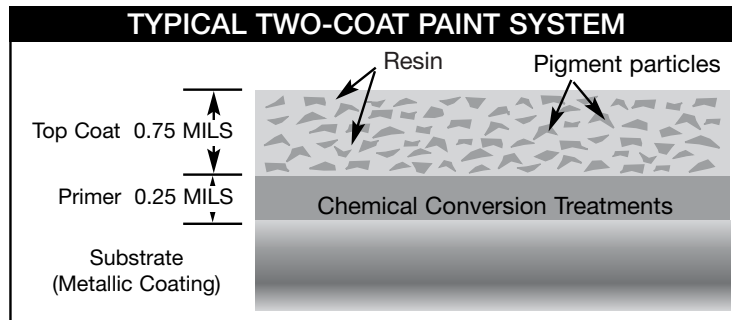
BECAUSE THERE EXISTS SUCH A WIDE VARIETY OF WATER BASED PAINT FORMULAS, A FIELD TEST MUST BE PERFORMED IN ADVANCE OF PAINTING TO ENSURE THAT THE PAINT SELECTED IS COMPATIBLE WITH THE BASE COAT TO ENSURE GOOD ADHESION. (Please request an electro galvanized sample chip to field test prior to ordering paint.)

If it is found that paint being used lacks adhesion then a prime coat is required prior to painting. DTM (Direct to Metal) primer recommended.

Although acrylic water based paints are dry to the touch in an hour or so, they usually require between 10 to 14 days before they are fully cured. This can be tested by pressing the edge of your fingernail against the paint. If an impression is left then the paint is not yet fully cured.

Treat galvanizing as you would any prime coat. This means that if left unpainted for an extended period of time it loses its ability to bond to the top coat. If kept clean, dry and free from a corrosive environment, galvanized surfaces will maintain optimal bonding properties for up to 6 to 8 months. If you have a bonding problem caused by leaving the galvanized surface unpainted for longer than recommended, IT CAN USUALLY BE CURED BY USING ScotchBrite (medium) TO CLEAN FRAME PRIOR TO PAINTING. (DO NOT USE STEEL WOOL)

Timely Prime EG Frames, manufactured with Electro Galvanized steel, are coil coated with a chemical treatment, Urethane primer coat and Acrylic modified Polyester finish coat.



Most popular architectural paint finishes are 2-coat systems, resulting in a dry film thickness of about 1.0 mil. *Courtesy of Metal Roof Advisory Group, Ltd.*

This unique marriage of Electro Galvanized steel, chemical treatment, primer coat was custom designed for **Timely Prime EG Frames** to provide superior corrosion resistance and an optimal surface for field repainting.

Timely Prime EG Frames field painted with water based acrylics and oil based coating have been extensively tested to help ensure good recoat adhesion characteristics. Please consult your paint manufacturer's data sheet for their individual product's recommended curing time.

Proper surface preparation will help assure good field recoat adhesion to **Timely Prime EG Frames**. The Prime surface should be completely dry and free of all contaminants such as oil, grease, dirt, fingerprints, etc.

PREPARING THE FRAME SURFACE. Use exterior, high quality, oil based or 100% acrylic water based latex paint on the exterior of the frame. High quality interior paint can be used on the interior surface of the frame only. Steel door frames should be wiped clean with a solvent such as acetone or mineral spirits. Allow the cleaning solvent to dry completely – until there is no residual odor. Once wiped clean, the paint adherence should be tested in order to make certain that the paint holds to the frame. If the paint does not adhere to the frame, then lightly sand with 220-grit sandpaper. After sanding, clean thoroughly.

To be ecologically friendly and to help sustain our environment, we suggest that 100% water-based acrylic paints be used to paint **Timely Primer EG Frames**.

DUE TO THE WIDE VARIETY OF WATER BASED PAINT FORMULATIONS THAT ARE AVAILABLE, WE RECOMMEND THAT A PRIME SAMPLE BE TESTED IN ADVANCE OF FIELD REPAINTING TO ENSURE THAT YOUR SELECTION IS COMPATIBLE AND OBTAINS GOOD ADHESION. (Please request a sample for testing prior to painting your **Timely Prime EG Frames**)

To maintain product warranty: Paint the frame within 45 days of installation. Repainting every one to seven years will be required, depending upon weather exposure.

FIRE-RATED FRAME PRECAUTIONS

DO NOT REMOVE THE FIRE LABEL. For field painting, you can paint over the removable laminate strip on the label or mask off the label and remove the mask after painting.

Report No. 2308-486 Dated: April 24th 1986

The following is Test # 3 in the report which indicates the ability of a Timely frame to support a door of 500 Lbs. Three frames were tested: 16 GA K.D. Hollow Metal, 18 GA K.D. Drywall Hollow Metal and 20 GA Timely.

A FULL 7 PAGE REPORT AND VIDEO (TA-29 PT) IS AVAILABLE UPON REQUEST REPORTING FULL TEST RESULTS, INCLUDING LATERAL FORCE (TWIST) AND SPREAD TEST (SECURITY).

TEST # 3 - STATIC LOAD (TOTAL DOOR WEIGHT)

In order to determine the load bearing capability of the three frames, a notch was cut in the top of each door to mount a come-along with a 500# scale attached to measure downward force applied to the door to simulate increased door weight. As the load was applied and increased, the door was opened and closed to determine the point at which enough deflection had occurred to keep the door from opening and closing freely. In this manner, it is reasonable to conclude that a door of similar weight would produce the forces encountered in this test. It is important to note that during these tests, the hinge screws remained intact on both the doors and frames so the frame and its anchoring was tested and not the screw holding capability of the hinge itself.

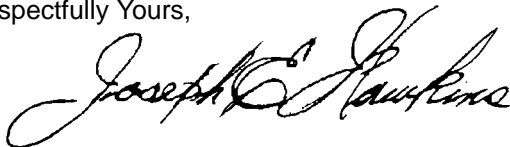
#3-Loading (First Position of Loading)

TYPE OF WALL CONSTRUCTION	FRAME SIZE	GAUGE THICKNESS	TEST UNIT NUMBER	APPLIED FORCE (PSI)	TEST RESULTS
Steel Stud	3'0" x 7'0"	16	1	205.0	Door incapable of closing
Steel Stud	3'0" x 7'0"	18	2	280.0	Door incapable of closing
Steel Stud	3'0" x 7'0"	20 (Timely)	3	500.0	No impairment of latching
Wood Stud	3'0" x 7'0"	16	4	254.0	Door incapable of closing
Wood Stud	3'0" x 7'0"	18	5	250.0	Door incapable of closing
Wood Stud	3'0" x 7'0"	20 (Timely)	6	500.0	No impairment of latching

Conclusion

It was observed that the Timely 20 gauge frame again out performed the two hollow metal frames. The fact that the door was still moving freely in the Timely frame even when the load was 500 pounds plus the door weight assured this observer that a very heavy door could be safely used on the Timely frame. Our conclusion is that the anchorage of this frame rather than the gauge of the steel used makes it far superior when downward forces are applied.

Respectfully Yours,



Joseph E. Hawkins, PE.

TIMELY vs. HOLLOW METAL

3-0 X 6-8 X 1 3/4 FRAME

- A) Twenty Gauge Timely
- B) Sixteen Gauge K.D. Masonry
- C) Sixteen Gauge Welded Masonry
- D) Eighteen Gauge K.D. Drywall

	Total Cost	Frame	Shop Labor	Paint	Installation Labor
A	100%	71%	Included	Included	29%
B	237%	81%	Included	71%	85%
C	293%	81%	56%	71%	85%
D	212%	85%	Included	71%	56%

3-0 X 3-0 WINDOW

- A) Twenty Gauge Timely Stick
- B) Sixteen Gauge Hollow Metal Stick

	Total Cost	Stick	Glass Stop	Shop Labor	Paint	Installation Labor
A	100%	46%	14%	13%	Included	27%
B	325%	49%	23%	106%	67%	80%

TIMELY vs. ALUMINUM

3-0 X 6-8 X 1 3/4 FRAME

- A) Twenty Gauge Timely
- B) Anodized Aluminum
- C) Painted Aluminum

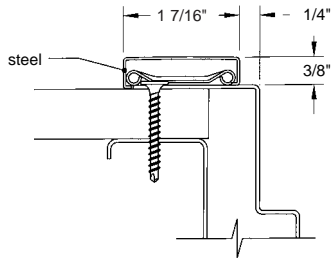
	Total Cost	Frame	Installation Labor
A	100%	71%	29%
B	211%	126%	85%
C	216%	131%	85%

3-0 X 3-0 WINDOW

- A) Twenty Gauge Timely Stick
- B) Anodized Aluminum Stick
- C) Painted Aluminum Stick

	Total Cost	Stick	Glass Stop	Installation Labor
A	100%	53%	16%	31%
B	170%	78%	Included	92%
C	176%	84%	Included	92%

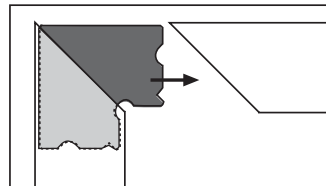
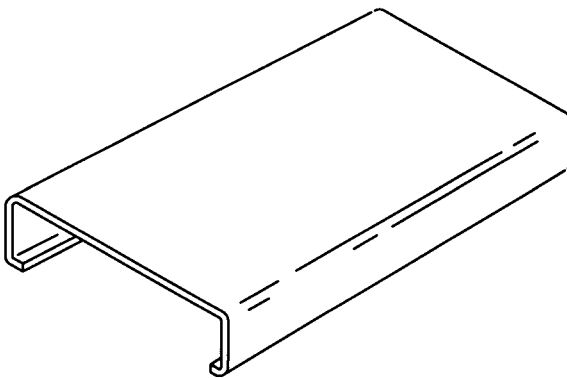
TA-8 Steel Casing



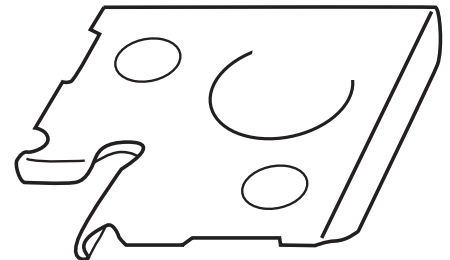
TA-21 Floral Rosette



TA-22 Saturn Rosette

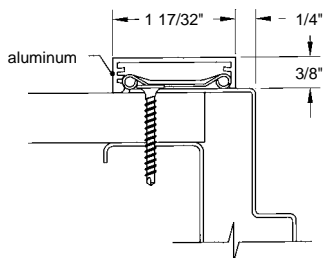


TA-6M MiterGard.
 Assures tight miters on
 TA-8 casings only.

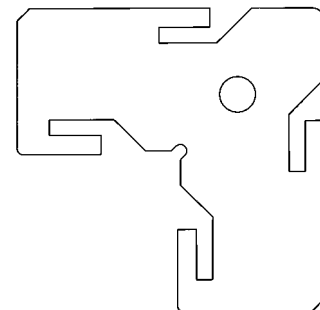
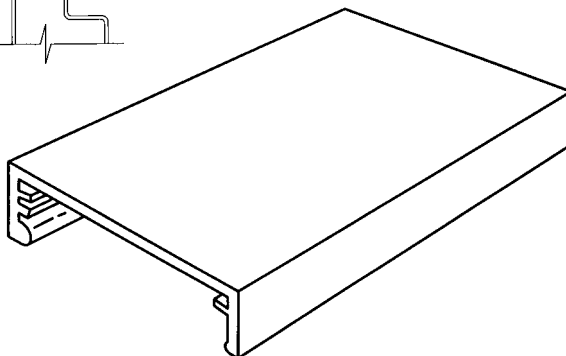


**TA-6 Casing
 Corner Piece.**
 Used to ensure
 tight miters.

Finishes: Browntone, Black, Westen White, Autumn Brown, Stone Gray, Alumaton and all Elite finishes. Rosettes available in Western White, custom colors and primer.



TA-23 Aluminum Casing

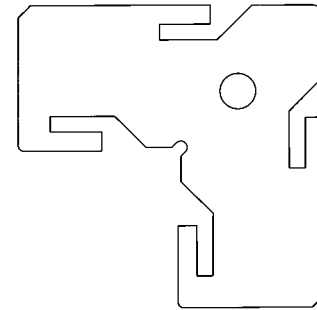
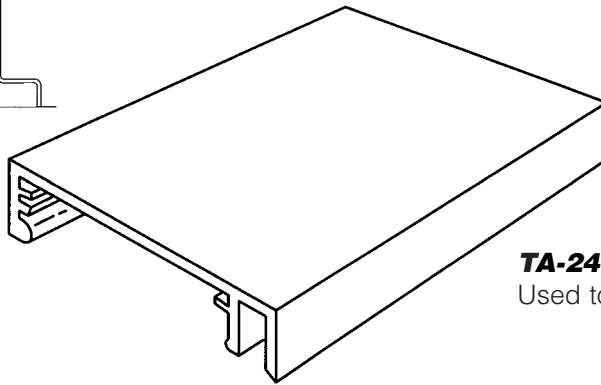
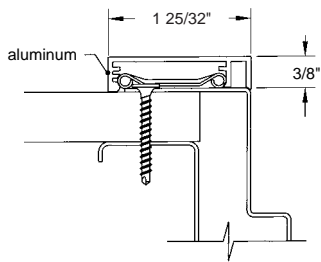


TA-24 Aluminum Casing Corner Piece.
 Used to ensure tight miters.

Finishes: Browntone, Black, Clear Anodized and Mill (consult factory for additional finishes) (see literature in literature section)

TA-28 Aluminum Casing

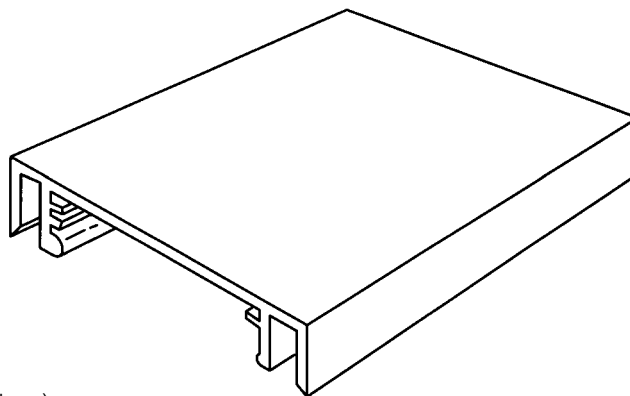
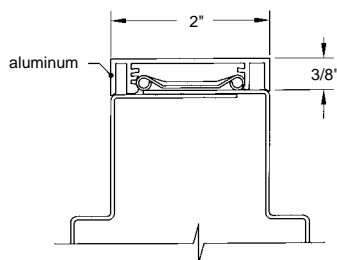
Only Available with 4 1/2" Hinge Emboss



TA-24 Aluminum Casing Corner Piece.
Used to ensure tight miters.

Finishes: Browntone, Black, and Mill.
(consult factory for additional finishes)
(ASA- Must use extended lip)

TA-28M Aluminum Mullion Casing

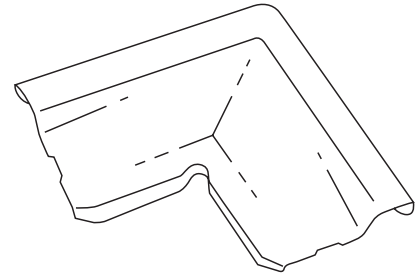
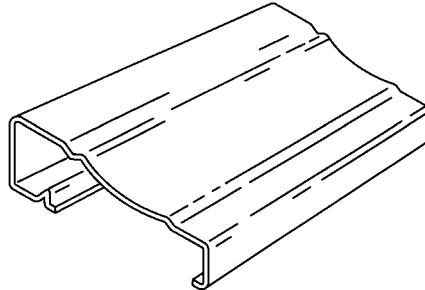
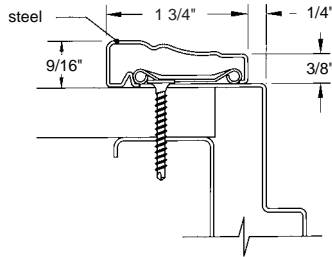


Finishes: Browntone, Black, and Mill.
(consult factory for additional finishes)
(ASA-Must use extended lip)

TA-30 Colonial Steel Casing*

Not Available on Mullions or Sill

*When using a regular arm closer or a door guard, you must specify trim emboss. See page 23.



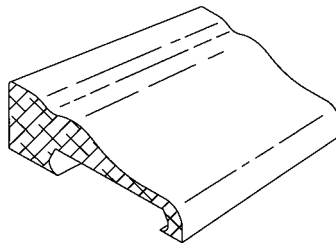
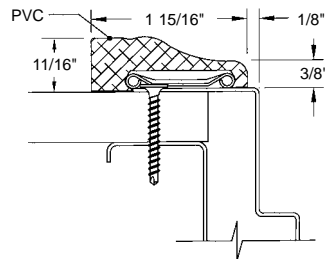
**TA-31N Casing
 Corner Piece.**

Used to ensure
 tight miters.

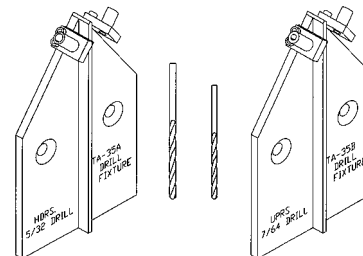
Finishes: Browntone, Black, Western White, Autumn Brown,
 Stone Gray and Alumatone.

TA-35 Colonial PVC Casing

Not Available on Mullions or Sill



TA-68 PVC Casing Corner Screw.
 Used to ensure tight miters.

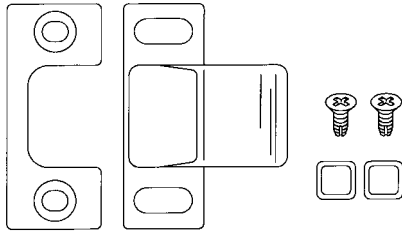


Finishes: Browntone, Black,
 Western White, Autumn Brown
 and Stone Gray.
 (consult factory for availability)

**TA-35A & TA-35B PVC Casing Corner Drill
 Fixture.** Needed when cutting of miters is done
 in the field. Used for drilling holes in the miters of
 casing where the corner screw is used.

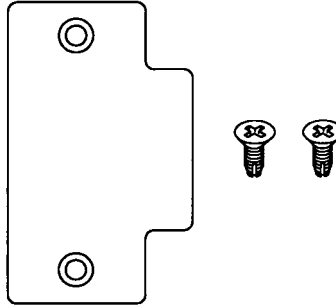
Standard Wood Casing can be Applied to a Timely Frame

(Frame must be ordered with nail holes and oval slots only)



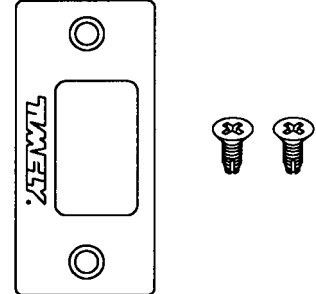
TA-1 Adjustable Strike

Finishes: Brass, Bronze, Zincrome, Oil Rubbed Bronze, Bright Chrome, Bright Brass, Antique Brass.



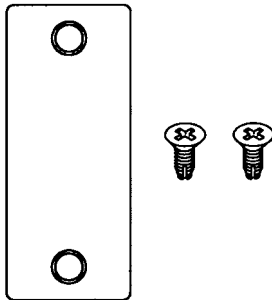
TA-2 Strike Filler Plate

Finishes: Zincrome.



TA-3 Deadbolt Strike

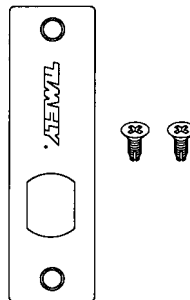
Finishes: Brass, Bronze, Zincrome, Oil Rubbed Bronze, Bright Chrome, Bright Brass, Antique Brass.



TA-17 Deadbolt Strike Filler Plate

Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumaton and Electro Galvanized

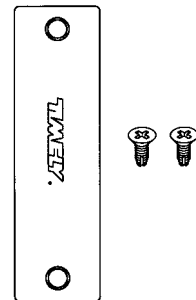
* All Elite Finishes



TA-40 Reversible Flushbolt Strike

Finishes: Browntone, Black, Autumn Brown, Stone Gray, Western White, Alumaton and Electro Galvanized.

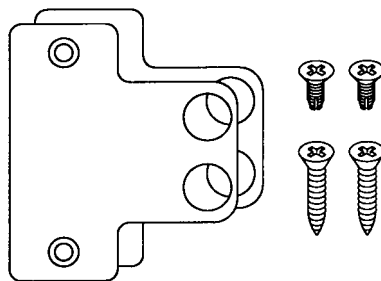
* All Elite Finishes



TA-42 Reversible Flushbolt Strike Filler Plate

Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumaton and Electro Galvanized.

* All Elite Finishes



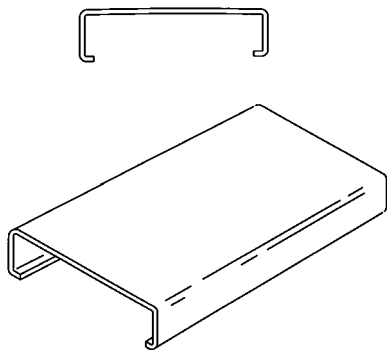
TA-4 Storage Hasp

Finishes: Zincrome.
 (1/2 Machine & 1/2 Wood Screws)
 2 holes for padlocks



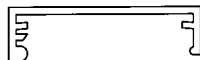
TA-20 Strike Screws

8-32 x 3/8 Self tapping.
 Finishes: Brass, Bronze, Zincrome, Oil Rubbed Bronze, Bright Chrome, Antique Brass.



TA-8 Steel Casing

(1 7/16" Profile) Finishes: Browntone, Black, Autumn Brown, Stone Gray, Western White, Alumatone and all Elite Finishes. Mitergard. See page T-1. Rosettes. See page A-3.



TA-23 Aluminum Casing

(1 17/32" Profile) Finishes: Browntone, Black, Clear Anodized, Mill.
 (Consult factory for additional finishes)

See page T-1



TA-28 Aluminum Casing

(1 25/32" Profile) Finishes: Browntone, Black, Mill.
 (Consult factory for additional finishes)
 Only available with 4 1/2" hinge emboss
 (ASA- must use extended lip)

See page T-2



TA-28M Aluminum Mullion Casing

(2" Profile) Finishes: Browntone, Black, Mill.
 (Consult factory for additional finishes)
 (ASA- must use extended lip)

See page T-2

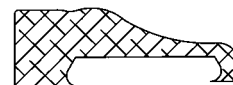


TA-30 Colonial Steel Casing

(1 3/4" Profile) Finishes: Browntone, Black, Autumn Brown, Stone Gray, Western White, Alumatone.

Not Available on Mullions or Sill. Door guard available

See page T-3

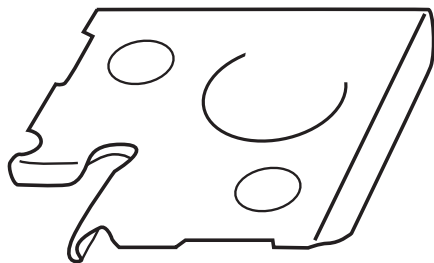


TA-35 Colonial PVC Casing

(1 15/16" Profile) Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray.
 (Consult factory for availability)

Not Available on Mullions or Sill

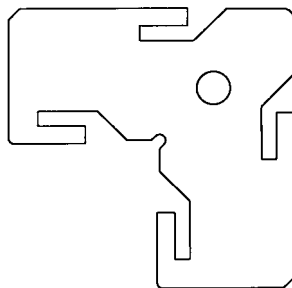
See page T-3



TA-6 Casing Corner Piece

Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumatone.
 Used to ensure tight miters.(used with TA-8)

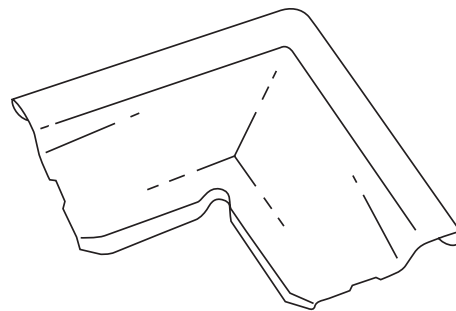
See page T-1



TA-24 Aluminum Casing Corner Piece

Finishes: Browntone, Black.
 Used to ensure tight miters.
 (used with TA-23, TA-28)

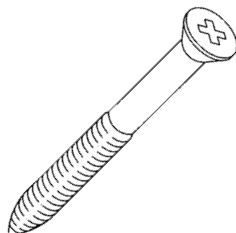
See page T-1



TA-31N Casing Corner Piece

Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumatone.
 Used to ensure tight miters. (used with TA-30)

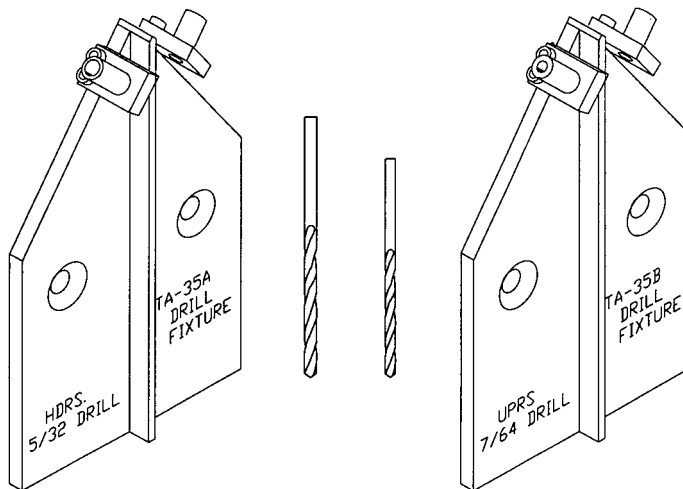
See page T-3



TA-68 PVC Casing Corner Screw

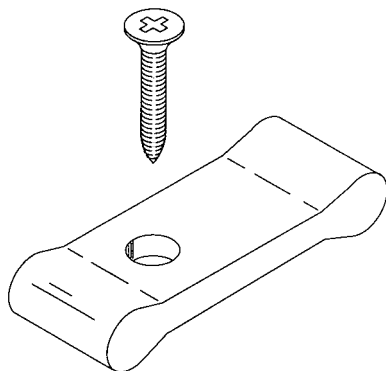
Used to ensure tight miters.
 (Used with TA-35)

See page T-3



TA-35A and TA-35B PVC Casing Corner Drill Fixture

See page T-3



TA-18 Casing Retainer Clip

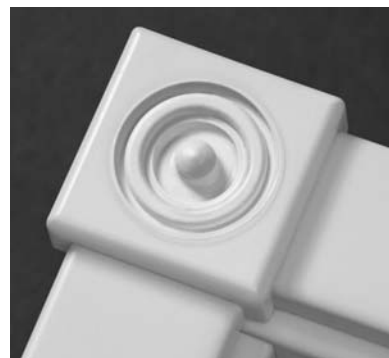
Used for frame not prepared for casing.

See page I-15



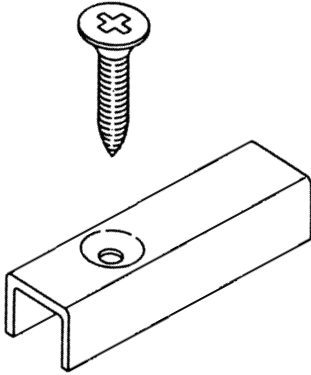
TA-21 Floral Rosette

Use with TA-8 casing for decorative corner.
 Finishes; Primer, Western White.
 Consult factory for custom colors.



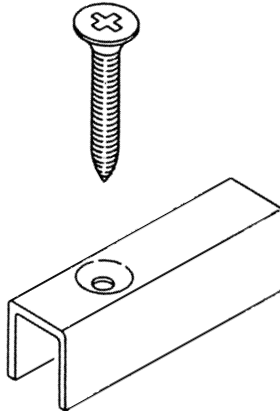
TA-22 Saturn Rosette

Use with TA-8 casing for decorative corner.
 Finishes; Primer, Western White.
 Consult factory for custom colors.



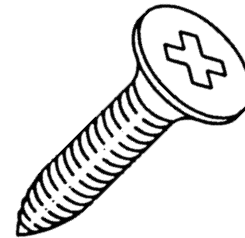
TA-14 1/2" Glass Stop -

10'1" and 12'1" lengths with screws.
 Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumatone, Electro Galvanized and all Elite Finishes.



TA-14F 3/4" Glass Stop -

10'1" and 12'1" lengths with screws.
 Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumatone, Electro Galvanized and all Elite Finishes.



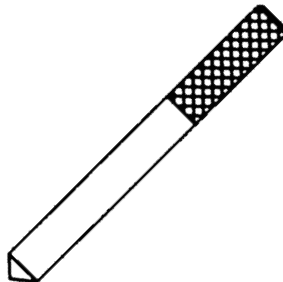
TA-19 Glass Stop Screw -

#6 x 1" Drywall screw for 1/2" stop.
 Finishes: Zincrome, Black, Browntone, Stone Gray, Alumatone, Western White.



TA-19F Glass Stop Screw -

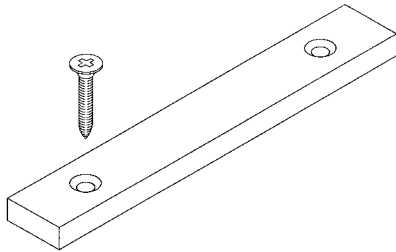
#6 x 1-1/4" Drywall screw for 3/4" stop.
 Finishes: Zincrome, Black, Browntone, Stone Gray, Alumatone, Western White.



TA-41 Glass Stop Dimpler Tool -

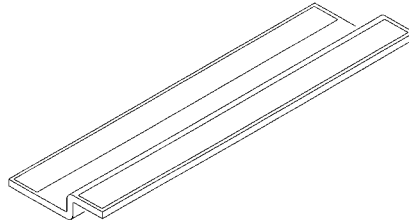
Used to meet 2" fire rating requirements.

See pages I-4 and I-6



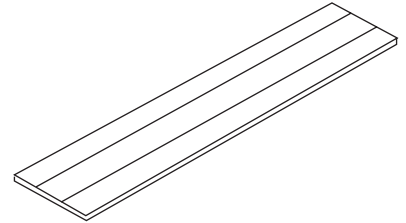
**TA-10 Regular Arm Closer
 Reinforcement Bracket - Aluminum**

See page I-12



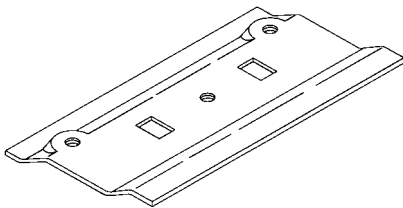
**TA-12 Parallel Arm Closer
 Reinforcement Bracket - Galvanized**

See page I-13

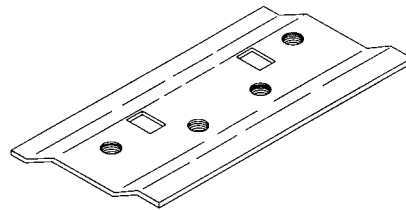


**TA-25 Multi-Purpose Reinforcement
 Bracket - Galvanized**

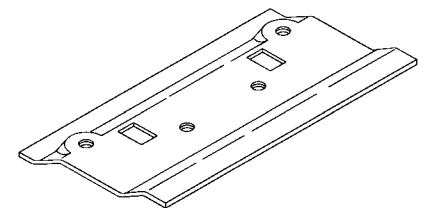
See page I-14



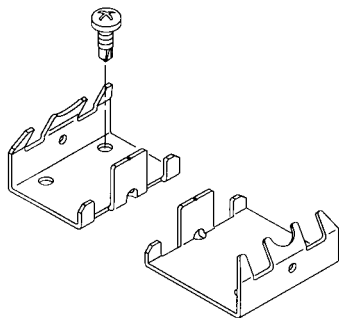
TA-11 3.5 - Galvanized
 3 1/2" I4ga. Hinge Reinforcement



TA-11 4.0 - Galvanized
 4" I4ga. Hinge Reinforcement

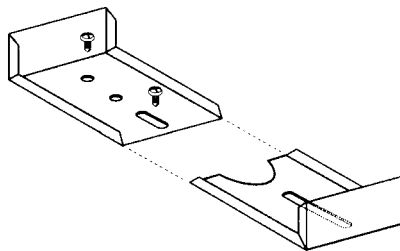


TA-11 4.5 - Galvanized
 4-1/2" I4ga. Hinge Reinforcement



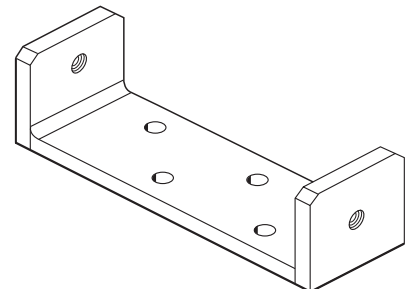
TA-15N Mullion Bracket

See page I-10

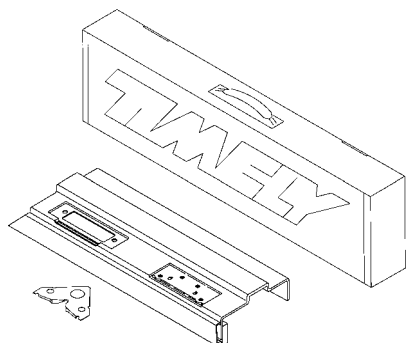


**TA-15A Adjustable Mullion Bracket for
 no stop**

See page I-11

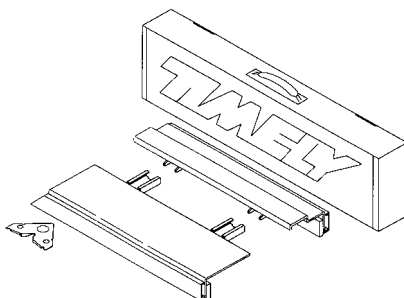


TA-15F Floor Anchor Bracket



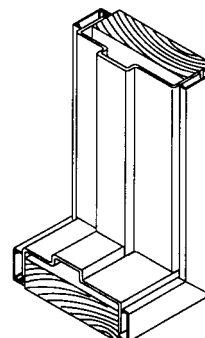
TA-13 Sample Package

Includes 4 1/2" hinge emboss and ASA strike emboss. Trim options available.
 Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumitone.



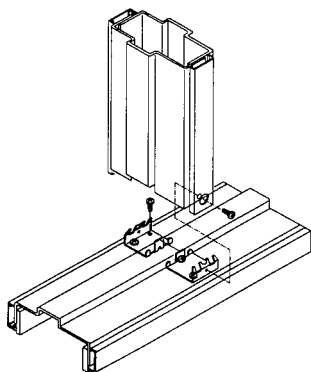
TA-13A Adjustable Frame Sample

Finishes: Browntone, Western White, Black.



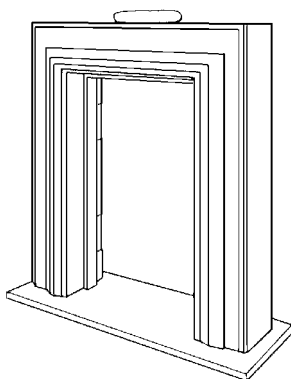
TA-13C Corner Sample

Finishes: Browntone.



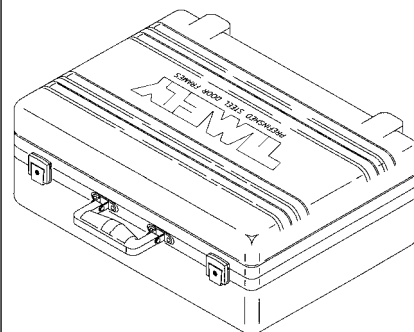
TA-13M Mullion Sample "T-Section"

Finishes: Black.



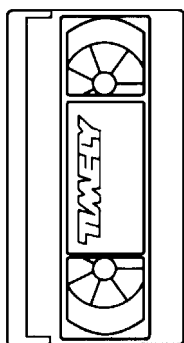
TA-13T Table Top Display

Includes: One Frame 47 Wall
 Finishes: Browntone, Black, Western White, Autumn Brown, Stone Gray, Alumitone.



TA-13SC Salesman's Sample Case

Includes: TA-13, TA-13C, TA-13M, TA-1, TA-3, TA-6, TA-10, TA-12, TA-21, TA-24, TA-35, and cleaner.



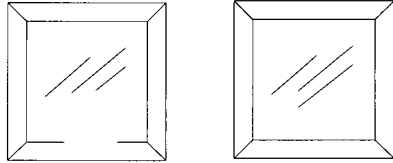
TA-29 Instructional Video or CD Presentations

See page 31



18" X 24" "Total Opening" 4 Color Wall Poster

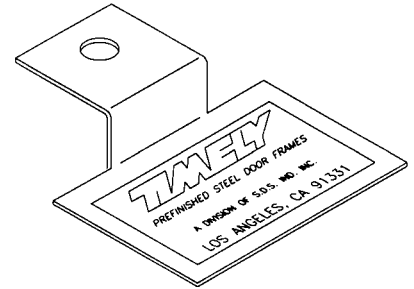
Available upon request



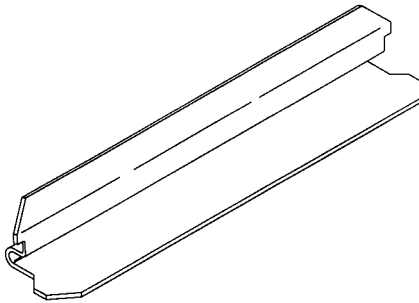
TA-5 Silencer
 Clear Polyurethane.



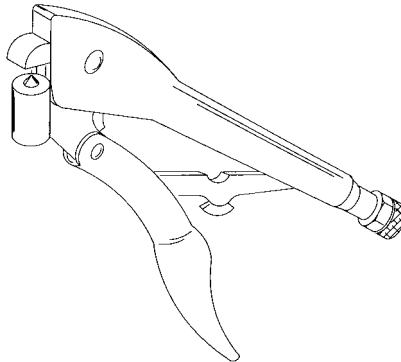
TA-9 Touch-Up Paint
 12oz. Spray Can.
 Browntone, Black, Autumn Brown, Stone Gray,
 Western White, Alumaton.



TA-16 Header Template



TA-27 Header Alignment Tab
 Specify wall size.



TA-26 MODN-4 Crimping Tool
 For Header Alignment Tab.



TA-26 Miter Paint Stick
 White Only.

R -Residential Weight

R35 - 3-1/2" x 3-1/2"

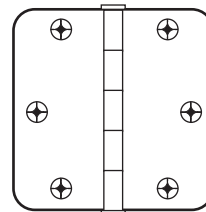
.090" Thickness (Approx.)

Standard = 1/4" Radius Corners

Screw packs

1/2 - 10-24 x 1/2" F.H.M.S*. with #9 Undercut Head

1/2 - #9 x 3/4" F.H.W.S. +



R40 -4" x 4"

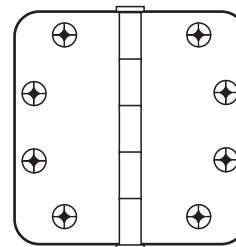
.090" Thickness (Approx.)

1/4" Radius Corners

Screw packs

1/2 - 12-24 x 1/2" F.H.M.S.* with Undercut Head

1/2 - #12 x 1-1/4" F.H.W.S. +



Spring Hinges - Add "S"

Hybrid Hinges - Add "H"

Hybrid Spring Hinges - Add "HS"

R40HS - .097" Thickness (approx.), 1/4" Radius Corners

Finishes

(Finishes vary slightly depending on manufacturer)

Browntone

Brass

US26D - Dull Chrome

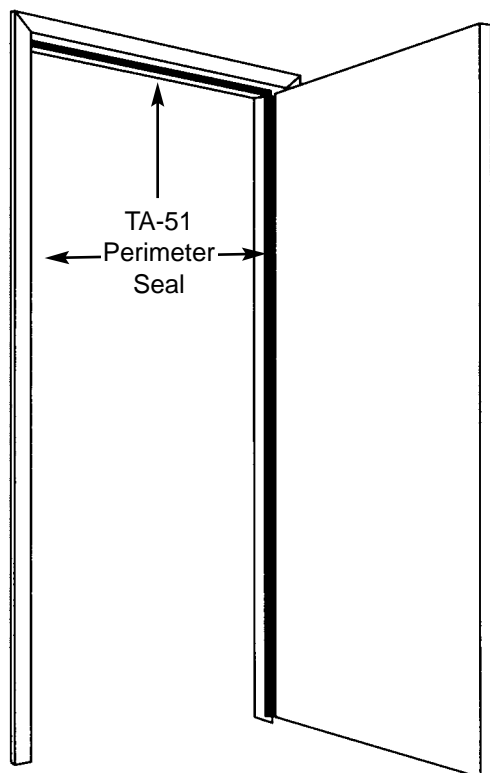
*Flat Head Machine Screw

+Flat Head Wood Screw

Note: Lead times may vary, call for availability

CROSS REFERENCE CHART

TIMELY	LAWRENCE	STANLEY	HAGER	McKINNEY
R35 = 1/4" Radius Corners	R2514T	WRRD741	RC1748	T1414
R40	R2514T	WRRD741	RC1749	T1414



SOUND TESTED

Product has been successfully tested for sound in accordance with ASTM E-90-90 and ASTM E-1408-91



TA-51 Adhesive-Backed Fire-Rated Seal

FIRE LABELED

TA-51 is listed and labeled for use on positive pressure fire - rated door assemblies. Tested in accordance with ASTM E-152, NFPA 252 and UL-10(B) UL-10(C), UBC 7-2, Part1, and BS476: This product has been approved for use on 20 minute, 45 minute C-Label, 1 hour B-Label, and 1-1/2 hour B-Label conditions. All products are continuously monitored by Warnock Hersey to ensure compliance to manufacturing specifications.

AIR INFILTRATION

Compresses easier than silicone products, ideal for use in tight door-to-frame fit situations. Smoke tested in accordance with ASTM E-283, SDI 116 and meets or exceeds the allowable maximum air leakage for smoke and draft control assemblies.

APPEARANCE

Manufactured with self-extinguishing non-toxic silicon. Remains flexible from -100 degrees fahrenheit to 800 degrees fahrenheit. Sets the standard for fatigue resistance in an elastomer. Will not crack or craze after millions of cycles. Excellent memory retention. Not affected by ultra-violet light, fungus or mildew. Timely colors: Browntone, Western White, Black and Clear.

INSTALLATION

TA-51 Fire-Rated Seals are easy to install. One profile seals the hinge, strike side and header. The special adhesive on the TA-51 is designed to apply easily and last for many years. Its extreme pliability allows its use on tight fitting doors without causing bind.

SMOKE TESTED

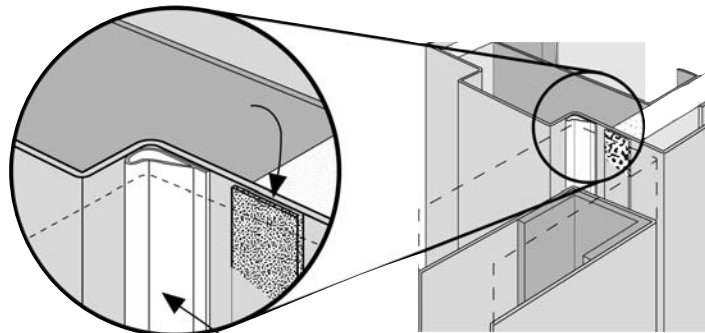
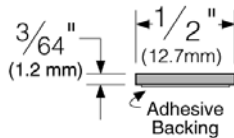
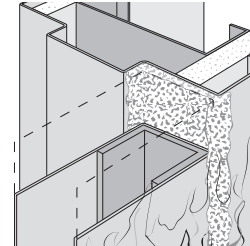
Product has been successfully tested for smoke, Positive Pressure and draft control in accordance with ASTM E-283. Performance evaluated in accordance with testing procedures defined by NFPA (National Fire Protection Association) 105-99 UL 1784-1990, UBC 7-2, Part 2 and BS 476: Part-31, Section 31.1: TA-51 meets or exceeds standards for infiltration of smoke and/or drafts.

INSTRUCTIONS:

1. Remove approximately 24" (610mm) of backing from the SiliconSeal™ strip. Be careful not to touch it with dirty or sweaty hands or drag the adhesive on the ground.
2. With the stabilizer flange pointing away from the stop, position the SiliconSeal.™ Without stretching it, press down each inch of length to activate all of the adhesive against the frame. The use of a hand roller is highly recommended.
3. Remove the next 24" (610 mm) of paper backing and repeat (2) until the entire length for a top or side is installed. Do not install as one continuous piece – cut the SiliconeSeal™ (with a cope or miter joint) at the corners where the top and sides meet.

TA 50 (18') Intumescent Seal

- Helps prevent penetration of life threatening hot smoke and hot gases by expanding up to 40 times its original size, filling the gaps around the perimeter of the door.
- Chemically inert.
- Highly stable.
- Moisture resistant.
- Self sticking adhesive backing for easy application



TA 51

Use in conjunction with TA 51 Silicon seal. (cold smoke seal)

- Can be painted to match any door jamb.
- For use with either metal or wood doors & frames.

2 pieces @84" (213.4 cm)

1 piece @48" (121.9 cm)

FIRE LABELED

TA-50 is listed and labeled for use on fire-rated door assemblies. Tested to meet the requirements of Standards UL10B, UL10C, UBC7.2 part 1. This product has been approved for use on 20 minutes, 45 minute C-Label, 1 hour B-label and 1-1/2 hour B-label conditions. All products are continuously monitored by Warnock Hersey to ensure compliance to manufacturing specifications.

AIR INFILTRATION

Used in conjunction with TA-51 Silicon Seal, the TA-50 Hot Smoke Seal helps prevent penetration of life threatening hot smoke and hot gases by expanding up to 40 times its original size filling the gaps around the perimeter of the door.

APPEARANCE

The TA-50 features a high volume multi-directional expandable graphite. It is chemically inert, highly stable and moisture resistant. The seal can be painted to match any door jamb color.

Dimensions: 1/2" (12.7mm) wide and 3/64"(1.2mm) high.

INSTALLATION

A self-sticking adhesive backing offers easy application for use on either metal or wood doors and frames.

APPLICATION TIPS AND WARNINGS

(A) Don't stretch material. Product can retract or shrink if stretched. (B) Use very firm, perpendicular pressure when applying. Extra pressure required due to product weight and absence of re-compression. (C) Use wallpaper seam roller or screwdriver handle butt to reinforce adhesion after applying. Caution: Do not stretch material when using reinforcing roller or screwdriver butt. Run roller or butt with up and down motions. (D) Double check adhesion after 2-3 hours before leaving job overnight. (E) If smoke gasket or intumescent strip separates from frame, press again with firm pressure in place. NOTE: If adhesive strip is exposed, airborne dust may impede adhesion. Replacement may be necessary at this stage. (F) Note: Headers must be installed with equal pressure at jambs. Sometimes too little pressure is applied at header due to awkward overhead application.

REQUIRED TOOLS

6 foot Magnetic Level
 3 foot Level
 Phillips Head Screwdriver
 Electric Screw Gun
 #3 Phillips Tip For Hinge Screws
 #2 Phillips Tip For Drywall Screws
 Tape Measure
 Pry bar
 Safety Glasses
 Utility Knife

INSTALLATION GUIDELINES

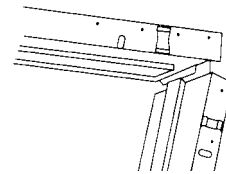
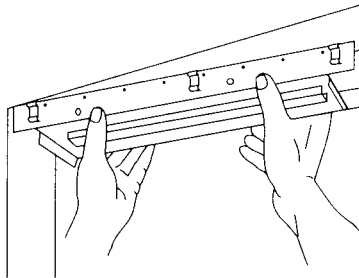
- Timely 6-8 frames are reversible. Jambs can be flipped end for end to achieve proper swing.
- If a closing device is being used, you will need a TA-10 or TA-12 Reinforcement Bracket, and it must be installed before installing the casing or the header.
- The frame should always rest on the finished floor. If the floor is not finished, shim the frame to compensate for floor thickness.
- The casing can become damaged or dimpled if struck directly in the center by a hand or rubber mallet.
- Frames used for exterior exposures require additional painting for proper weatherproofing.
- Frame, door and hardware must be installed at the same time or warranty is invalid.
- Remove excess foam backing from strike cutout locations by carefully using a utility knife.

1. Check the rough opening
 - a. The opening should be 1-1/4" over in width, 1" over in height.
 - b. Confirm the wall size to be sure you are using the correct frame.
 - c. **Timely 6-8 frames are reversible. Jambs can be flipped end for end to achieve proper swing.**

Note: If using a TA-12 Reinforcement Bracket, install before sleeving header.

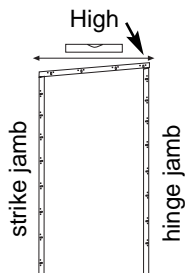


2. Sleeve the header over the rough opening so the rabbet matches the rabbet on the hinge jamb.



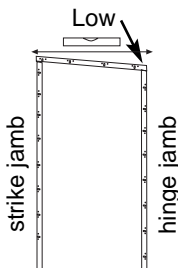
Sleeve the hinge jamb over the wall. Bring the header down tight, interlocking the stop in the alignment tab. **Try to place the hinge jamb close to the stud to assure more room for adjustment in future steps.** Apply the strike jamb, and pull the header down tight to the strike jamb. **The frame should always rest on the finished floor. If the floor is not finished, shim the frame to compensate for floor thickness.**

3. Working from the door side, place a level on the header.



If the level shows that the hinge jamb side is higher than the strike jamb, fasten one screw in the header above the hinge jamb. Align the corner of the hinge jamb with

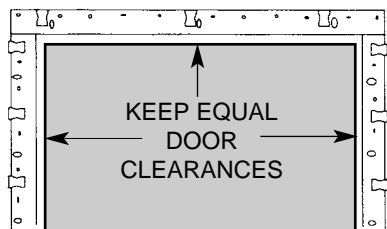
the corner of the header and fasten at an upward angle at the top of the hinge jamb to ensure that the hinge jamb is snug to the header.



If the level shows that the hinge jamb is lower than the strike jamb, lift the header until it is level. Fasten one screw in the header over the hinge jamb, and lift the hinge jamb tight to the

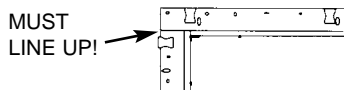
header. Align the corner of the hinge jamb with the corner of the header. Then fasten at an upward angle at the top of the hinge jamb to ensure that the hinge jamb is snug to the header.

4. Plumb the hinge jamb with a 6' magnetic level. Apply one screw to the bottom of the frame. Using a tape measure check from the hinge jamb to the strike jamb at the bottom to be certain that the 36" i.e., 3/0 door or larger dimension is met. Apply one screw at every clip on the hinge jamb, door side only. **TO MAINTAIN FIRE RATING REQUIREMENTS, the frame must be anchored with one fastener at each clip, or every 11" ± 1/4" and 2" from any end. All frames that are fire rated require a fire label. Minimum #6 drywall screws recommended. Length of screws must be sufficient to penetrate into steel stud by at least 1/2" and into wood stud at least 1". Frame meets U-B-C-7-2-97, UL 10 C, UL 1784 Smoke Rating & CBC 7-2 1998 PART 1 & 2.**



4. Hang the door. To align the frame and door, first close the door. Then begin with the header, using a screwdriver inserted in the alignment slot closest to the strike jamb. Create an equal gap between door and frame, and fasten the header above the strike jamb and the remainder of the header at every clip on the door side only.

5. Lift the strike jamb tight to the header. **The corners of the header and strike jamb must be properly aligned.** To pull the strike jamb tight to the header, fasten at the top of the strike jamb at an upward angle.



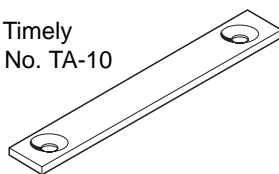
- At the strike location, create an equal gap between the door and frame. Then fasten.
- At the bottom of the strike jamb, create an equal gap between the door and frame. Then fasten.
- On the door side only, fasten the remainder of the strike jamb at every clip.

6. After fastening the door side, fasten the opposite side of the frame.
- Pull the header tight to the hinge jamb, and apply a fastener to the header's corner. Then pull the header tight to the strike jamb, and apply a fastener at the other corner of the header.
 - Fasten the remainder of the header at every clip.
 - Align the corner of the hinge jamb with the corner of the header and fasten at the top of the hinge jamb. Be certain that the bottom of the hinge jamb is square to the wall. Fasten at the bottom.
 - Fasten the remainder of the hinge jamb at every clip.
 - Repeat the same steps for the strike jamb.

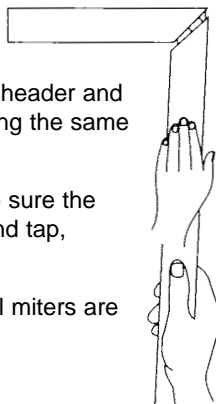
7. Apply the casing starting with the header. **Note:** If installing the TA-10 Reinforcement Bracket, install before putting on casing.

- Center the header casing. Allow for equal distance on both ends. Roll the casing over one clip toward the door with a tap of the hand, securing the casing on the center clip only.

Use Timely
Part No. TA-10



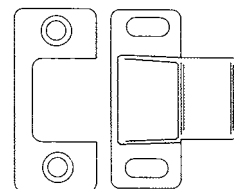
- The casing can become damaged or dimpled if struck directly in the center by a hand or rubber mallet.**
- Slide both upright casings with Mitergard® (available for TA-8 casings only) into header casing. For all other casings, insert separate corner pieces into header and upright casings. Then anchor the header casing using the same rolling motion toward the door.
- Anchor the upright casings starting at the top. Make sure the casings are clipped over the outside and, with a hand tap, on the inside.
- The casing can be adjusted slightly to make sure all miters are tight and secure.
- Apply the casing to the opposite side.



8. Apply the silencers to the frame.

9. The final task is to install the adjustable T-strike.

- The strike has a "C" section and cup section which can be moved back and forth, allowing 1/4" adjustment.



- Fasten the C-section in the center of the adjustment. Close the door and adjust as necessary.

INSTALLATION GUIDELINES

- Since Timely 6-8 frames are reversible, the jambs can be flipped end for end to achieve proper swing.
- If a closing device is being used, you will need a TA-10 or TA-12 Reinforcement Bracket, and it must be installed before installing the casing or the header.
- The frame should always rest on the finished floor. If the floor is not finished, shim the frame to compensate for floor thickness.
- The casing can become damaged or dimpled if struck directly in the center by a hand or rubber mallet.
- Frames used for exterior exposure require additional painting for proper weatherproofing.
- Frame, door and hardware must be installed at the same time or warranty is invalid.
- Remove excess foam backing from strike cutout locations by carefully using a utility knife.

Required Tools

6' magnetic level
 3' level
 Electric screw gun
 #3 Phillips tip for hinge screws
 #2 Phillips tip for drywall screws
 Phillips head screwdriver
 Pliers
 Tape measure
 Pry bar
 Safety glasses
 Utility knife

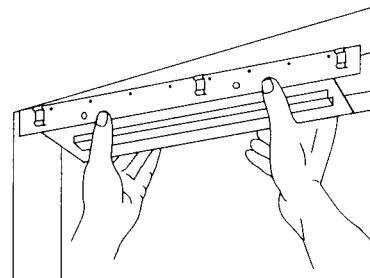
1. Check the rough opening
 - a. The opening has to be 1-1/4" over in width and 1" over in height.
 - b. **Since Timely's 6-8 frames are reversible, the jamb can be flipped end for end to achieve proper swing.**
 - c. There are tabs at each end.
 - d. The tabs on the bottom must be bent down so the frame sits flush to the finished floor.

2. Sleeve the header over the rough opening
 - a. Squeeze the header and closure to the wall for a snug fit. Make sure the rabbet on the header will match the rabbet on the hinge jamb.

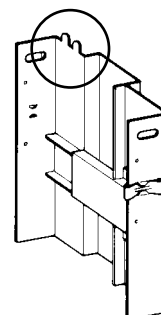
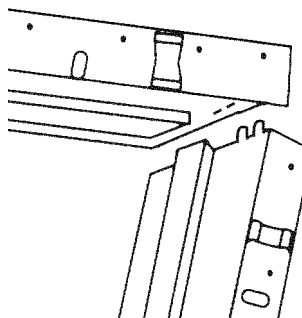
Note: If using a TA-12 Reinforcement Bracket, install before sleeving header.



TA-12 Bracket

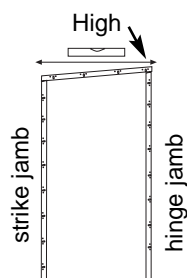


3. Sleeve the hinge jamb over the wall and adjust to wall thickness by squeezing the hinge jamb and closure to the wall for a tight fit.
 - a. **Try to place the hinge jamb close to the stud. This will allow more room for adjustment in future steps.**
 - b. Align the slots in the header with the two tabs on the hinge jamb.
 - c. Pull the header tight to the hinge jamb.
 - d. Apply the strike jamb in the same way the hinge jamb was applied.
 - e. **The frame should always rest on the finished floor. If the floor is not finished, shim the frame to compensate for floor thickness.**

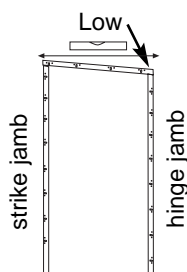


Continue to step 4

4. Working from the door side, place a level on the header.



If the level indicates that the hinge jamb side is higher than the strike jamb, fasten one screw in the header over the hinge jamb. Align the corner of the hinge jamb with the corner of the header and fasten at an upward angle at the top of the hinge jamb to be sure the hinge jamb is snug to the header. On the opposite side of the hinge jamb, repeat the above steps to attach the closure pieces.



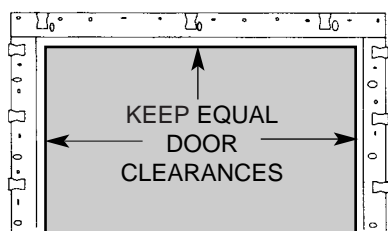
If the level indicates that the hinge jamb is lower than the strike jamb, lift the header until it is level and fasten one screw in the header over the hinge jamb. Lift the hinge jamb tight to the header. Align the corner of the hinge jamb with the corner of the header and fasten at an upward angle at the top of the hinge jamb to ensure that the hinge jamb is snug to the header. On the opposite side of the hinge jamb, repeat the above steps when attaching the closure pieces.

a. Plumb the hinge jamb using the 6' magnetic level. Apply one screw to the bottom of the frame. With the tape measure, check the distance from the hinge jamb to the strike jamb at the bottom, making sure the 36" i.e., 3/0 door or larger dimension requirement is met. Apply one screw at every clip on the hinge jamb of the door side only. **TO MAINTAIN FIRE RATING REQUIREMENTS, the frame must be anchored with one fastener at each clip, or every 11" \pm 1/4" and 2" from any end. Minimum #6 drywall screws recommended. Length of screws must be sufficient to penetrate into steel stud by at least 1/2" and into wood stud at least 1". Frame meets U-B-C-7-2-97, UL 10 C, UL 1784 Smoke Rating & CBC 7-2 1998 PART 1 & 2.**

5. Hang the door.

Close the door in order to align it with the frame. Begin with the header, using a screwdriver through the alignment slot closest to the strike jamb. Create an equal gap between the door and frame.

Fasten the header above the strike jamb and the remainder of the header at every clip on the door side only.



6. Lift the strike jamb tight to the header. **It is important that the corner of the header and the corner of the strike jamb are properly aligned.** To pull the strike jamb tight to the header, fasten at the top of the strike jamb at an upward angle.

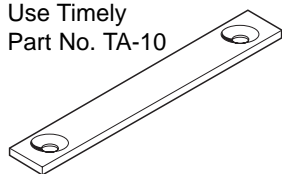
- Create an equal gap between the door and frame at the strike location and fasten.
- Create an equal gap between the door and frame at the bottom of the strike jamb and fasten.
- Fasten the remainder of the strike jamb at every clip on the door side only.

7. After fastening the door side, fasten the opposite side of the frame.

- Pull the header tight to the strike jamb and apply a fastener at the corner of the header.
- Fasten the remainder of the header at every clip.
- Make certain that the bottom of the hinge jamb is square to the wall and fasten.
- Fasten the remainder of the hinge jamb at every clip.

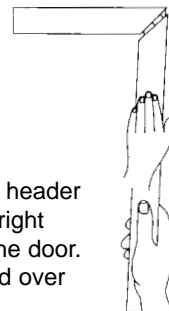
- Align the corner of the strike jamb with the corner of the header and fasten at the top of the strike jamb. Fasten after making certain that the bottom of the strike jamb is square to the wall.
- Fasten remainder of the strike jamb at every clip

Use Timely
Part No. TA-10



8. Now apply the casing, starting with the header. **Note:** If installing the TA-10 Reinforcement Bracket, install before putting on casing.

- The casing can become damaged or dimpled if struck directly in the center by hand or rubber mallet.**
- Center the header casing. Allow for equal distance on both ends. Roll the casing over one clip toward the door with a tap of the hand, securing the casing on the center clip.
- Slide both upright casings with Mitergard® (available for TA-8 casings only) into header casings. For all other casings, insert separate corner pieces into header and upright casings. Then anchor the header casing using the same rolling motion toward the door.
- Anchor the upright casings starting at the top. Make sure the casings are clipped over the outside and, with a hand tap, on the inside.
- The casing can be adjusted slightly to make sure all miters are tight and secure.

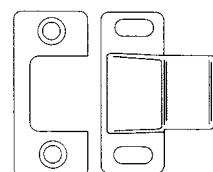


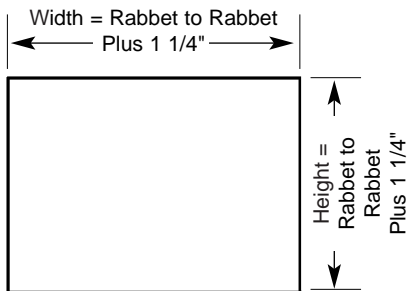
9. Apply the casings to the opposite side.

10. Apply silencers to the frame.

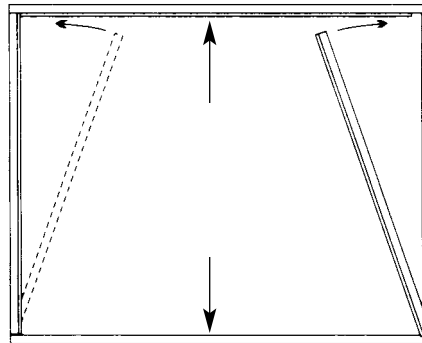
11. The final task is to install the adjustable T-strike.

- The strike has a "C" section and cup section which can be moved back and forth, allowing 1/4" adjustment.
- Fasten the C-section in the center of the adjustment. Close the door and adjust as necessary.

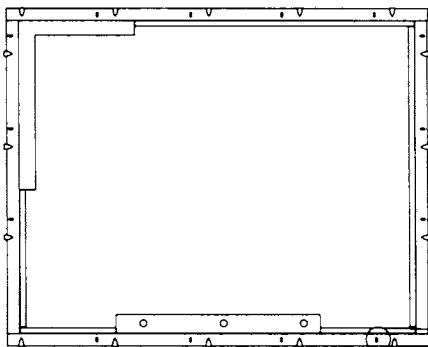




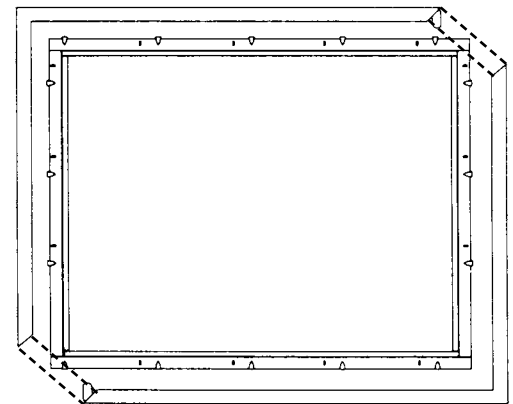
1. Check rough opening. Dimensions are Rabbet to Rabbet + 1 1/4".



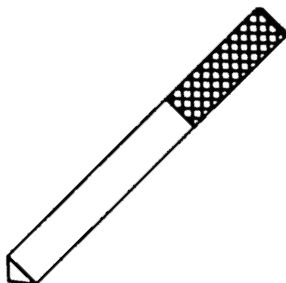
2. Sleeve bottom header over wall, then top header. Sleeve both jambs over wall and interlock jambs with tabs on top and bottom headers. If using mullions, see mullion instructions below.



3. Raise bottom header on one side until wall is seen in 2/3 of oval slot. Place fastener next to slot. Level bottom header and fasten at each clip. Using a square, align both side jambs to bottom header to form square corners. Fasten sides at each clip. Pull top header tight to jambs and fasten. Anchor both sides of the frame keeping all joints tight and corners at 90° angles.



4. Insert corner pieces to header casings and assemble upright casing as shown. Apply top header/left jamb casing assembly to frame by putting casing over outside of clips and then tapping it over the inside of the clip. Install the other assembly in the same way interlocking the two assemblies with the corner clips. Apply casing to the opposite side in the same manner. Align mitres for tight fit.



TA-41 Glass Stop Dimpler Tool -
 Used to meet 2" fire rating requirements.

MULLIONS

1. Before placing jamb pieces in opening, locate and apply mullion brackets as required. Sleeve jambs over walls, but do not fasten.
2. Start at one end of the assembly and place mullions over brackets. If horizontal mullions are used, they must be placed on the jamb then on the vertical mullion as it is tipped into position.
3. When all mullions are in place the jambs should be brought tight to the mullion using a screwdriver in the oval slot.
4. When mullions are in place and joints are tight proceed with anchoring as shown on the instructions.

See page I-5 for additional information.

1. Check for correct rough opening dimensions.
2. Check for correct wall thickness.
3. Use screws instead of nails so frame can be adjusted if necessary.
4. Apply fastener at each clip on both sides of the frame to prevent loose casing.
5. Field painted frames must be thoroughly cleaned to remove any substances that would inhibit paint adhesion. Light sanding is recommended. Adhesion of water based paints is not guaranteed.
6. Use screwdriver in oval alignment slots to move frame on wall to avoid damaging wall finish.
7. Frames installed in exterior locations must have adequate flashing to prevent water penetration to building interior. Exterior frames require additional painting for proper weatherproofing and corrosion resistance.

FIRE RATED OPENING REQUIREMENTS

1. Labeled glass.
2. Glass stop must be pierced and dimpled a maximum of 2" from each end for anchorage.
3. Glazing compound required (Fire rated Silicone Sealant required for use with Firelite glass).
4. Maximum wire glass clearance of 1/8" overall; 1/4" overall for Firelite.
5. Either floor channel can be ordered from the factory or drywall applied on both sides to a steel or wood stud to meet label requirements.
6. Apply fasteners at each clip on both sides (full perimeter of frame). Fire inspectors may reject frames with insufficient fasteners.

REQUIRED TOOLS

6 ft magnetic level
 3 ft level
 Electric screwgun
 #3 Phillips tip for hinge screws
 #2 Phillips tip for drywall screws

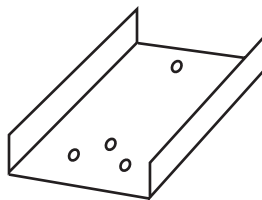
Phillips head screwdriver
 Scriber
 Pencil
 Tape Measure
 Chalk line

Pry bar
 Combination Square
 Hammer
 Safety Glasses

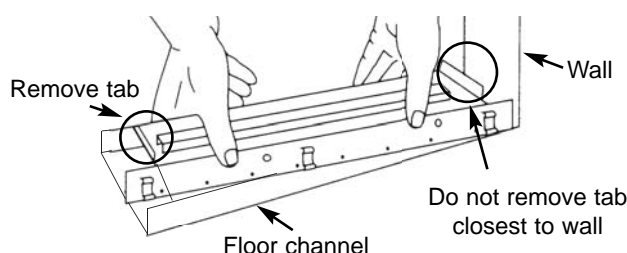
1. Check the rough opening
 - a. The opening should be 1-1/4" over in width, 1" over in height.
 - b. Confirm the wall size to be sure you are using the correct frame.

2. Remove all components from the cartons and place them on the floor. Install mullion brackets first.
 - a. Establish a center line for the mullion bracket on the header by measuring from the stop on the end of the frame according to the measurement indicated on the drawing. Scribe a line on the stop.
 - b. Align the v-notch on the mullion bracket with the line previously scribed on the stop.
 - c. Apply the first screw at a 45-degree angle to secure the bracket to the doorstop. Keep the bracket aligned with the scribed line. Apply the remaining two screws.
 - d. Repeat the same procedure for applying the mullion brackets to the strike mullion and sidelite jamb.

3. Install the floor channel over the finished floor. Use a straight edge so it is parallel to the wall, or use a chalk line on each side of the wall and center the floor channel between those lines. Make sure the floor channel is in line and butts up against the wall. Then install three screws through the floor channel on the strike side and one screw on the wall side. It is advisable to use the Timely Floor Channel to maintain a more secure opening and uniform look.



4. Install the sill loosely in place. With a hammer, remove the tie strap tab facing the door opening.
 - a. Bend the ears of the sill slightly inward.



5. Sleeve the sidelite jamb over the wall and set it on the sill in the alignment tab.

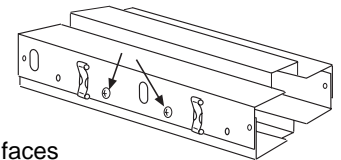
6. Install the header. Determine if this is achievable by sliding it into place. If not, tilt it into the sidelite jamb. Note: If using a TA-12 Reinforcement Bracket, install before sleeving header.

TA-12 Bracket



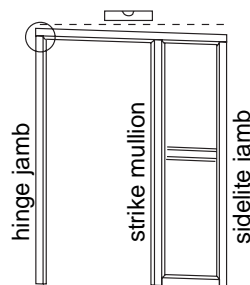
7. Sleeve the hinge jamb over the wall.

8. Attach the horizontal mullion to the sidelite jamb and fasten to the mullion bracket on each side. Make sure the outer portion of the insert faces down.

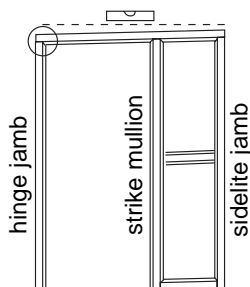


9. Set the strike mullion in place and engage with the mullion bracket on the header.

10. Working from the door side place the level on the header



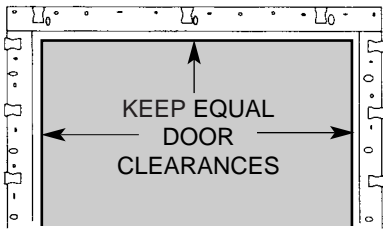
If the level indicates that the hinge jamb side is higher than the strike jamb, fasten one screw in the header over the hinge jamb. Align the corner of the hinge jamb with the corner of the header and fasten at an upward angle at the top of the hinge jamb to ensure that it is snug to the header.



If the level indicates that the hinge jamb is lower than the strike jamb, lift the header until it is level and fasten one screw in the header over the hinge jamb. Lift the hinge jamb tight to the header. Align the corner of the hinge jamb with the corner of the header and fasten at an upward angle at the top of the hinge jamb to ensure that it is snug to the header.

11. Plumb the hinge jamb with a 6' magnetic level. Apply one screw to the bottom of the frame. Using a tape measure check from the hinge jamb to the strike jamb at the bottom to be certain that the 36" i.e., 3/0 door or larger dimension is met. Apply one screw at every clip on the hinge jamb, door side only. **TO MAINTAIN FIRE RATING REQUIREMENTS, the frame must be anchored with one fastener at each clip, or every 11" ± 1/4" and 2" from any end. All frames that are fire rated require a fire label. Minimum #6 drywall screws recommended. Length of screws must be sufficient to penetrate into steel stud by at least 1/2" and into wood stud at least 1". Frame meets U-B-C-7-2-97, UL 10 C, UL 1784 Smoke Rating & CBC 7-2 1998 PART 1 & 2.**

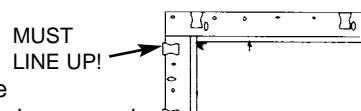
INSTALLATION WITHOUT THE USE OF THE DOOR AND HARDWARE WILL VOID THE WARRANTY.



12. Hang the door. Close the door in order to align it with the frame. Begin with the header using a screwdriver through the alignment slot closest to the strike mullion. Create an equal gap between the door and frame. Fasten the header above the strike mullion and the remainder of the header at every clip on the door side only.
13. Pull the header tight to the hinge jamb on the opposite side **ensuring the corner of the header and the corner of the hinge jamb are properly aligned**. Fasten the corner of the header, then fasten the top of the hinge jamb at an upward angle to ensure that it is snug to the header.
- Make certain the hinge jamb is square to the wall and fasten at the bottom.
 - Fasten the remainder of the hinge jamb at every clip.

14. Remove the strike mullion.

15. Raise the sidelite jamb by using a pry bar under the sill to bring the jamb tight to the header, **making sure the corner of the header and the corner of the sidelite jamb are properly aligned**.



- Fasten the top of the sidelite jamb at a 45-degree angle.

16. Replace the strike mullion and fasten to the mullion bracket on the header on both sides.

17. Fasten the horizontal mullion to the mullion bracket on both sides.

18. Check the margin at the bottom of the door; also secure the sidelite jamb at the bottom.

19. Using a pry bar, raise the sill tight to the sidelite jamb, then fasten the sill into the floor channel.
- Repeat this step for the strike mullion and fasten.
 - Repeat the above steps on the opposite side.

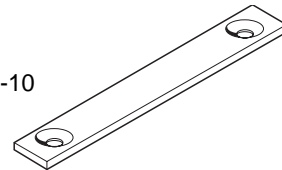
20. Fasten the remainder of the sidelite jamb at every clip.

21. Fasten the bottom of the strike mullion to the sill on each side.

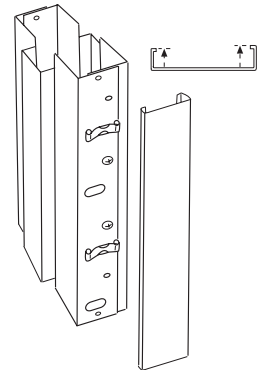
22. On the opposite door side pull the header tight to the sidelite jamb making sure the corner of the header and the corner of the sidelite jamb are properly aligned.
- Fasten the corner of the header, then fasten the remainder of the header at every clip.

23. Apply the casing starting with the header. **Note:** If installing the TA-10 Reinforcement Bracket, install before putting on casing.

Use Timely
Part No. TA-10



- Center the header casing. Allow for equal distance on both ends. Roll the casing over one clip toward the door with a tap of the hand, securing the casing on the center clip only.
- The casing can become damaged or dimpled if struck directly in the center by a hand or rubber mallet.**
- Slide both upright casings with Mitergard® (available for TA-8 casings only) into header casing. For all other casings, insert separate corner pieces into header and upright casings. Then anchor the header casing using the same rolling motion toward the door.
- Anchor the upright casing, making sure it is clipped over the outside and, with the tap of a hand, on the inside.
- When applying the vertical strike mullion casing, make sure its longer side is facing the sidelite.
- On the horizontal mullion casing, make sure its longer side faces down.
- Apply the casing to the sill.
- The casing can be adjusted slightly to make sure all miters are tight and neat.

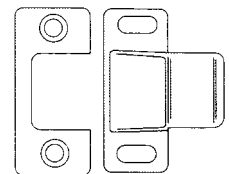


24. Apply the casings to the opposite side.

25. Apply the silencers to the frame.

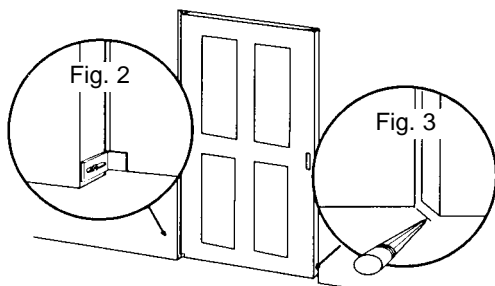
26. The final step is installation of the adjustable T-strike.

- The strike consists of the "C" and cup sections, which can be moved back and forth to allow 1/4" adjustment.
- Fasten the "C" section in the center of adjustment. Close the door, and adjust as necessary.

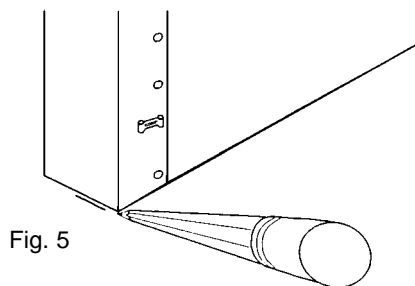


Please see next page for help selecting header length and J-trim width for Timely's Pocket Trim Set.

1. Install the internal pocket frame kit, door and hardware (provided by others) following the manufacturer's installation instructions.
2. Roll door out of pocket while watching door guide at bottom of split jamb until only 3/8" of door remains in guide. This is where we want the door to stop when it makes contact with strike jamb.
(See Fig. 2)
3. Using the edge of door for reference make a mark on floor showing where strike jamb will be.
(See Fig. 3)

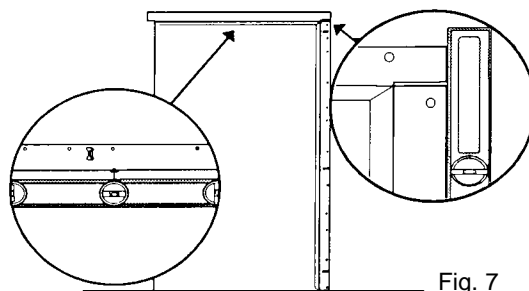


4. If the door rolls too far back into pocket, it will be necessary to nail a wood shim on the edge of the door where it strikes the bumper stop. Note: The Timely Pocket Trim Set will trim out the opening to measure 1/2" less than the door width for a single opening. Pair openings measure 1" less. (See next page)
5. Sleeve the strike jamb over the wall. Line strike jamb up with mark on floor and fasten square to wall and plumb. Note: Fasten only at top and bottom at this time because jamb may later require lifting to ensure a header that is level.
(See Fig. 5)

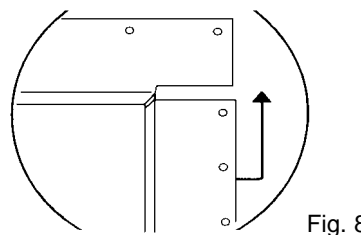


6. Place one J-trim header and one J-trim upright in position on wall. Note: Notch for door guide goes towards floor.
7. Make sure J-trim header is even with edge of strike jamb upright and level before fastening to wall.
(See Fig. 7)

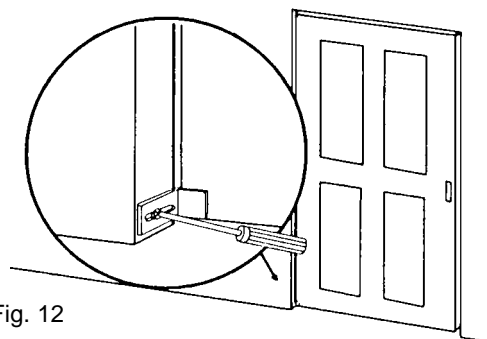
WARNING: IF J-TRIM FASTENERS ARE TOO LONG THEY MAY DAMAGE DOOR



8. If there is a gap between strike jamb and header, raise strike jamb to header and re-fasten square to wall and plumb. **(See Fig. 8)**



9. Using door hangers adjust door to proper height and parallel to strike jamb.
10. Repeat steps 6 through 7 for other side of wall.
11. Lift each J-trim upright tight against header and fasten even with end of header using one screw at top only.
12. Hold bottom of uprights tight against wall. Check clearance between bottom of uprights and door, adjust as needed using door guides. **(See Fig. 12)**



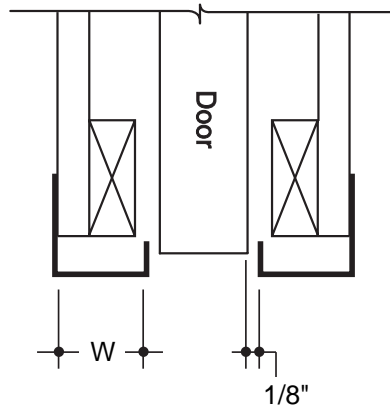
13. Install remaining fasteners, one next to each casing clip recommended.
14. Install casing. Note: Please refer to Timely casing installation sheet.

Installation Instructions

Pocket Trim Set

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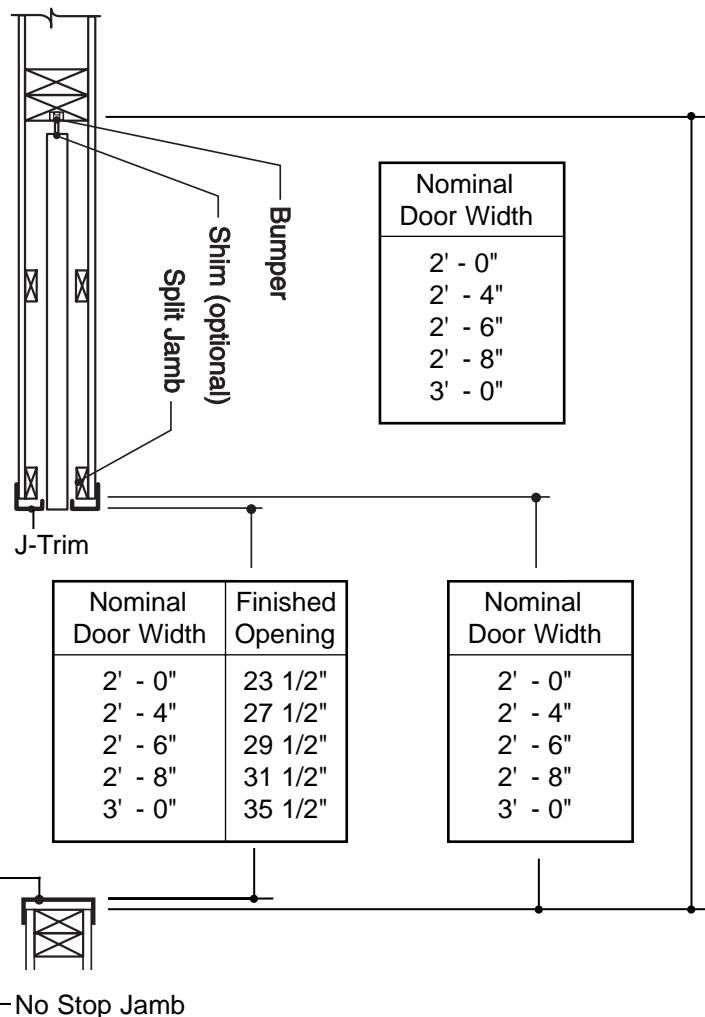
Effective March 2007



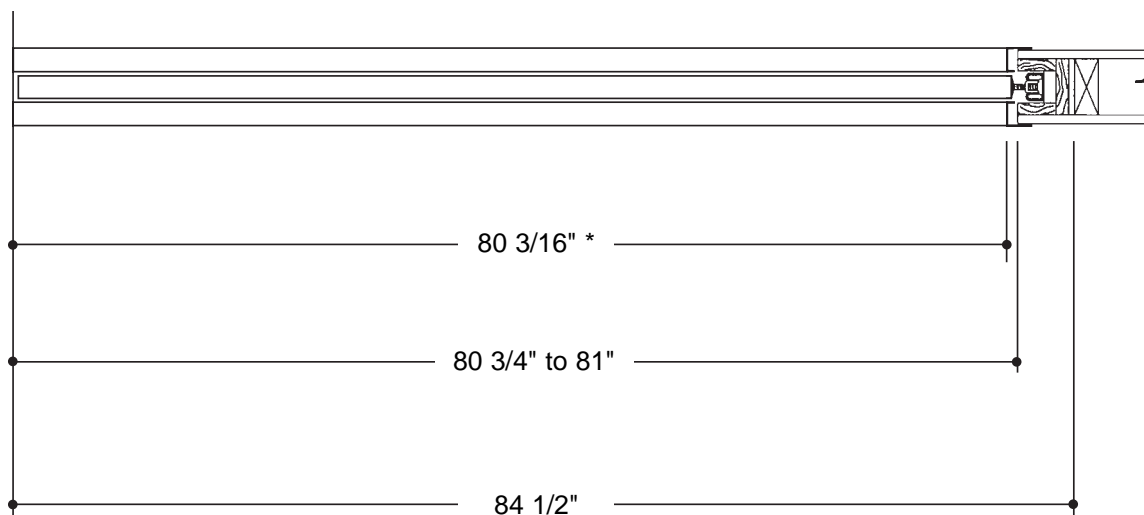
J-Trim Selection		
Wall Size	W	
	1 3/8" Door	1 3/4" Door
4 1/2"	1 3/8"	1 3/16"
4 5/8"	1 7/16"	1 1/4"
4 3/4"	1 1/2"	1 5/16"
4 7/8"	1 9/16"	1 3/8"
5 3/8"	1 13/16"	1 5/8"
6 5/8"	2 7/16"	2 1/4"
6 7/8"	2 9/16"	2 3/8"

$$1 \frac{3}{8}" \text{ Door } W = \frac{(\text{Wall Size}) - 1 \frac{3}{4}" }{2}$$

$$1 \frac{3}{4}" \text{ Door } W = \frac{(\text{Wall Size}) - 2 \frac{1}{8}" }{2}$$

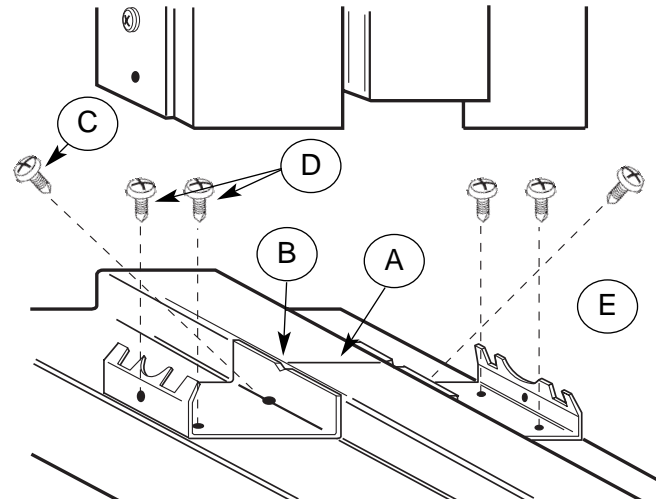


Finished Floor



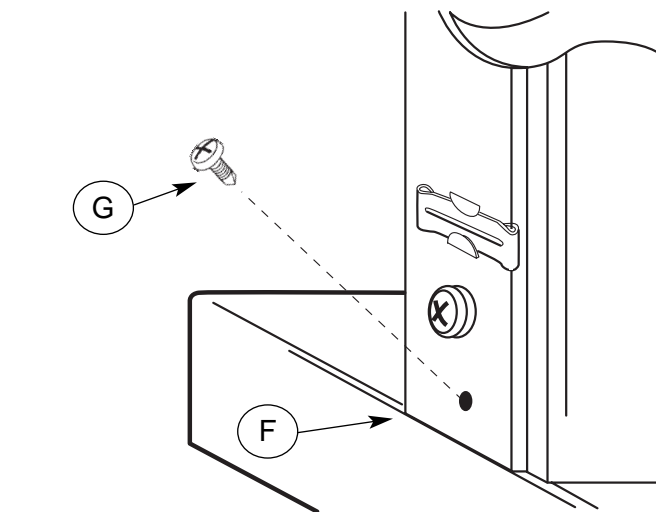
* Jamb height for standard 6' - 8" door

1. BRACKET INSTALLATION



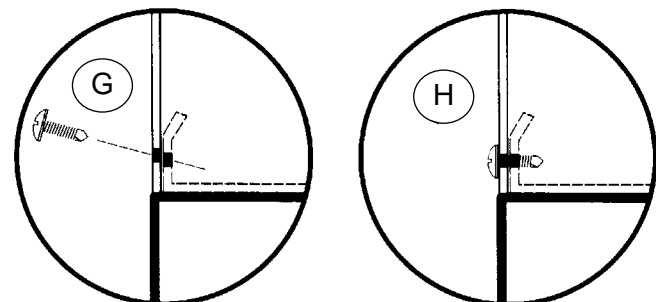
- (A) Establish a center line for mullion and scribe a line across the door stop.
- (B) Align the "V" notch in the mullion bracket with the line scribed in step A.
- (C) Apply first screw at a 45° angle to secure bracket to door stop.
NOTE: Be very careful to keep bracket aligned with the scribe line.
- (D) Apply remaining two screws to complete bracket installation.
- (E) Repeat steps B through D to attach second bracket to opposite side. Remember to keep alignment with the scribe line.

2. MULLION INSTALLATION



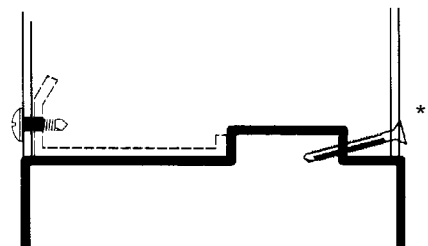
- (F) Press mullion down over the brackets forming a tight fit with the frame.
NOTE: At this point the holes in sides of the mullion are slightly offset from the holes in the mullion brackets. The offset hole will be used to pull the mullion down onto the frame after tightening. (See mullion screw detail)
- (G) Insert screw which will enter at an angle.
- (H) Tighten screw which will bring mullion hole into alignment with bracket hole.

MULLION SCREW DETAIL

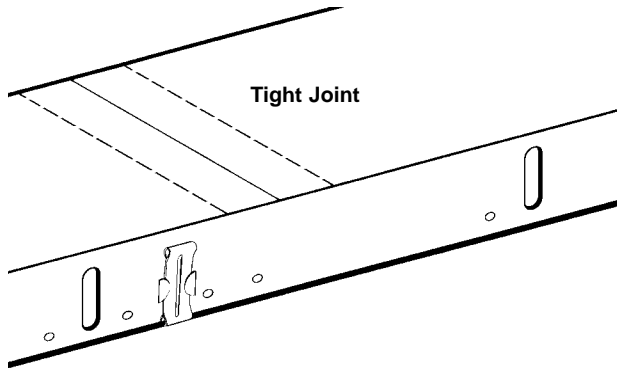


On wall sizes 3 3/4" and less, use mullion bracket on the doorside rabbet and secure opposite side with a 1 1/4" drywall screw as shown.

NOTE: Always install mullion screw first.

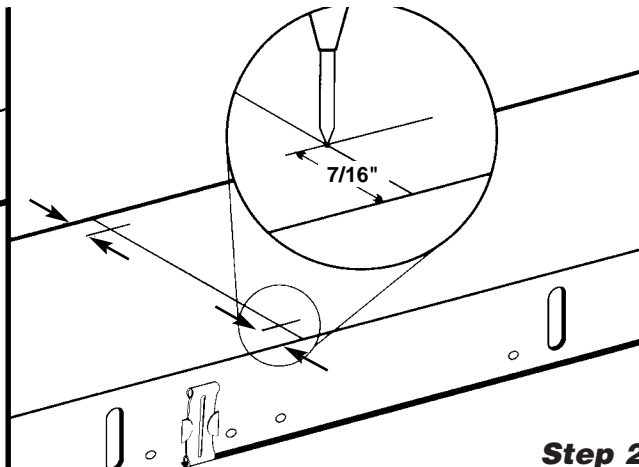


* Caution: Do not over tighten screw



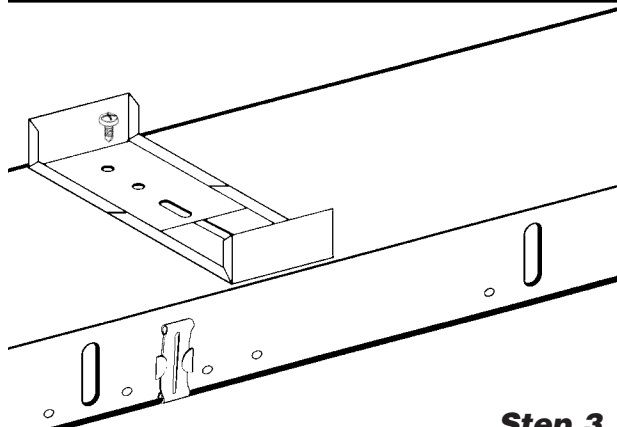
Step 1

Mark the center line of the mullion and scribe a line across the jamb



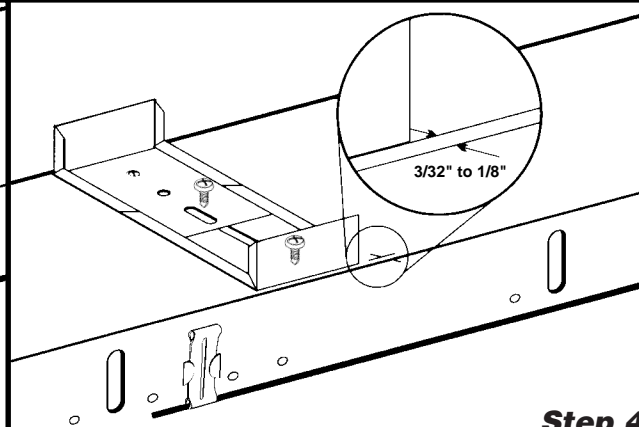
Step 2

Locate a point along the center line 7/16" from each side and dimple the frame with a center punch.



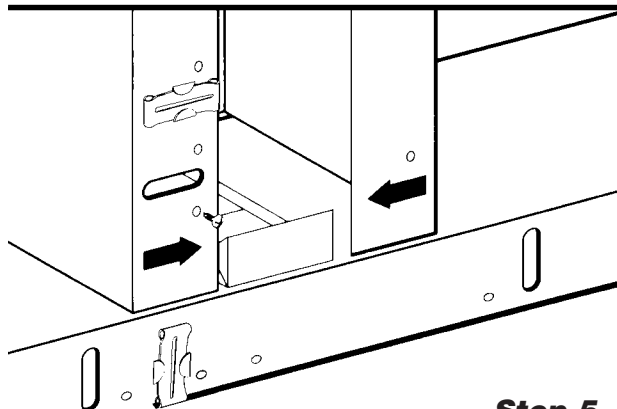
Step 3

Assemble the two pieces of the mullion bracket and apply the self drilling tek screw to the half with the indented round hole.



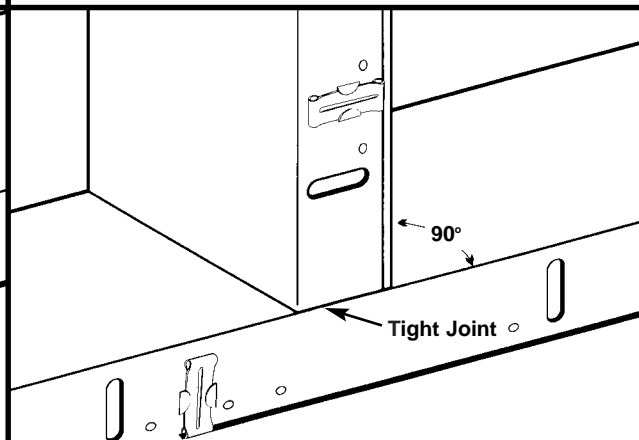
Step 4

Slide the other half of the bracket to within 3/32" to 1/8" of the edge and apply a screw in the other dimple. Apply a third tek screw in the oval hole to connect the two pieces.



Step 5

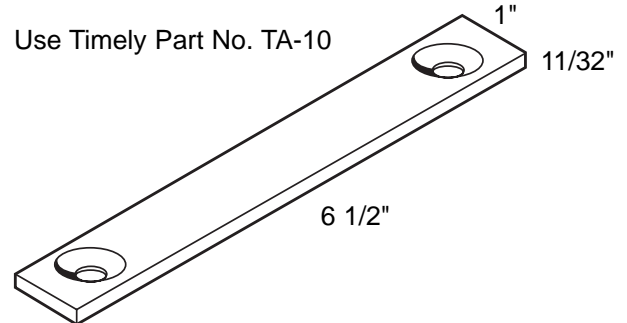
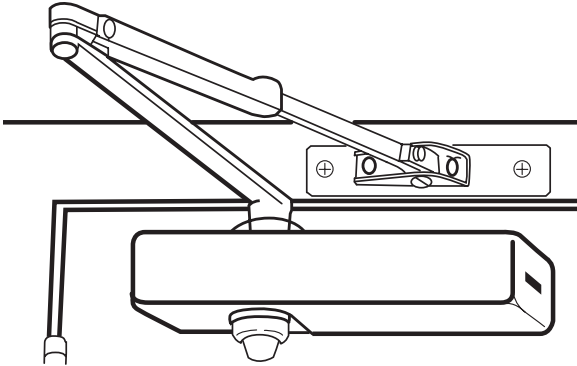
If mullion is assembled, remove the screws and separate the two halves. Slide the two parts together over the bracket and insert the screws. The frame should be loose on the wall to allow easy assembly of the mullion.



Step 6

Align the mullion to the jamb to form a tight joint and a perfect 90 degree angle. Fasten the jamb to the wall.

REGULAR ARM CLOSER



INSTALLATION OF TIMELY TA-10 CLOSER REINFORCEMENT BRACKET

1. Position Timely TA -10 closer reinforcement bracket on header in area where the closer shoe is to be mounted. (Fig. 1)
2. Mount bracket on frame even with top edge of header. (Fig. 1)
3. Drill pilot holes in header through countersunk holes in bracket and secure with the two wood or steel stud screws provided.
4. Snap casing over closer reinforcement bracket.
5. Position closer shoe onto frame and drill pilot holes through closer reinforcement bracket.
6. Tap these holes as specified in closer instructions.
7. Secure closer shoe to frame.

Figure 1

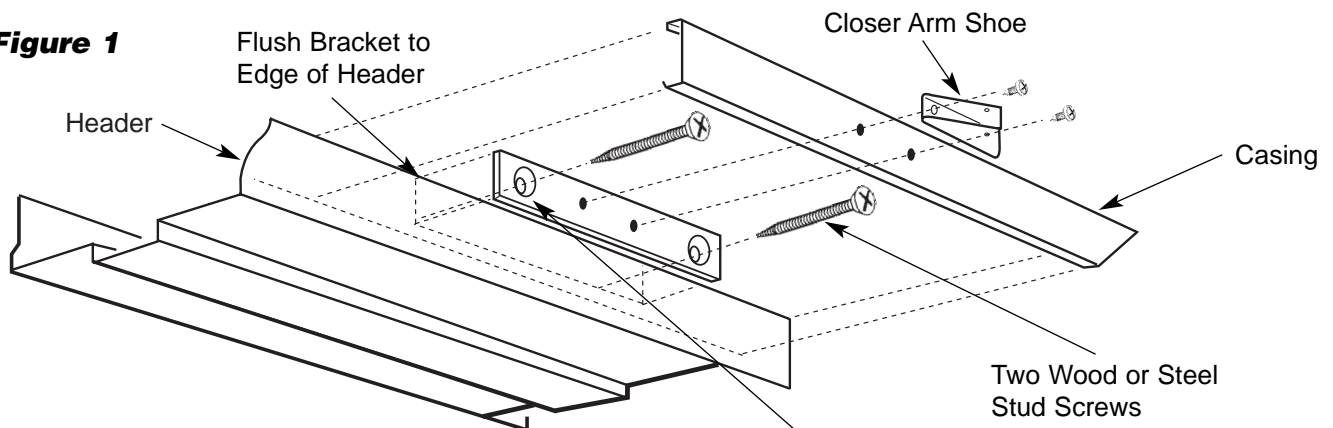
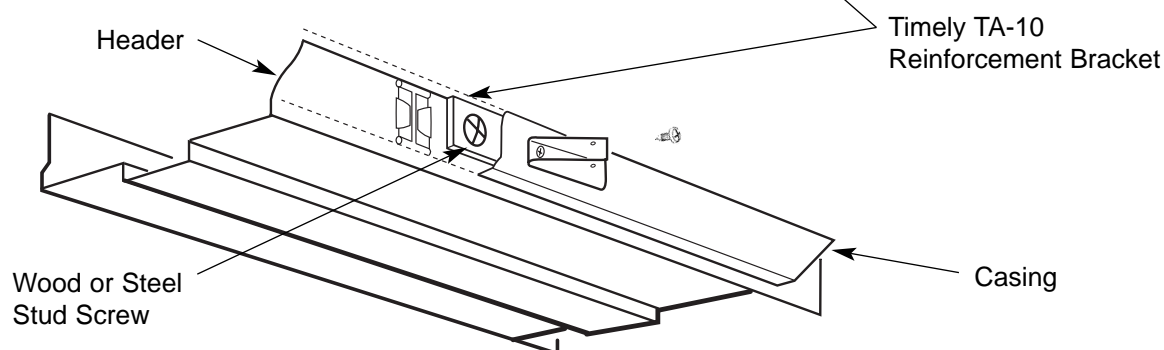
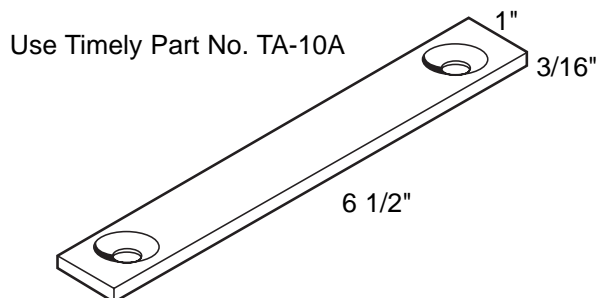
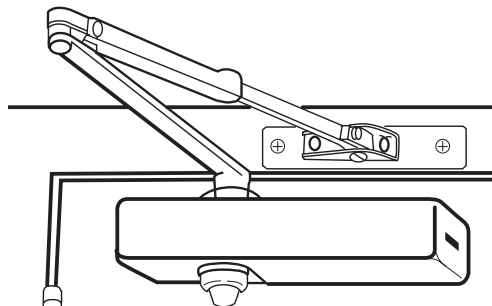


Figure 2



REGULAR ARM CLOSER



INSTALLATION OF TIMELY TA-10A CLOSER REINFORCEMENT BRACKET

1. Position Timely TA -10A closer reinforcement bracket on header in area where the closer shoe is to be mounted. (Fig. 1)
2. Mount bracket on frame even with top edge of header. (Fig. 1)
3. Drill pilot holes in header through countersunk holes in bracket and secure with the two wood or steel stud screws provided.
4. Snap casing over closer reinforcement bracket.
5. Position closer shoe onto frame and drill pilot holes through closer reinforcement bracket.
6. Tap these holes as specified in closer instructions.
7. Secure closer shoe to frame.
8. Touch up may be required in the field.
9. For proper cut out provide specifications to route casing.

Figure 1

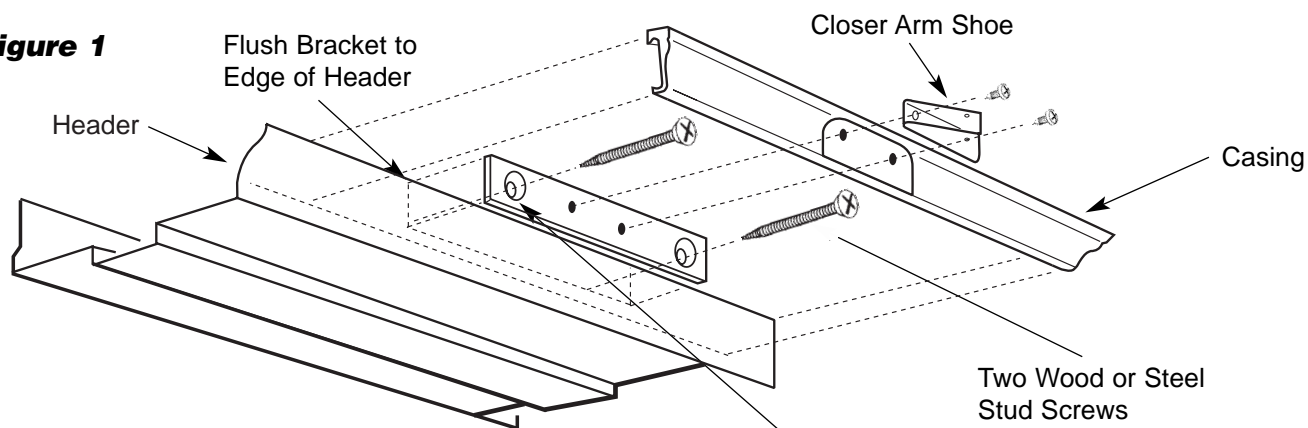
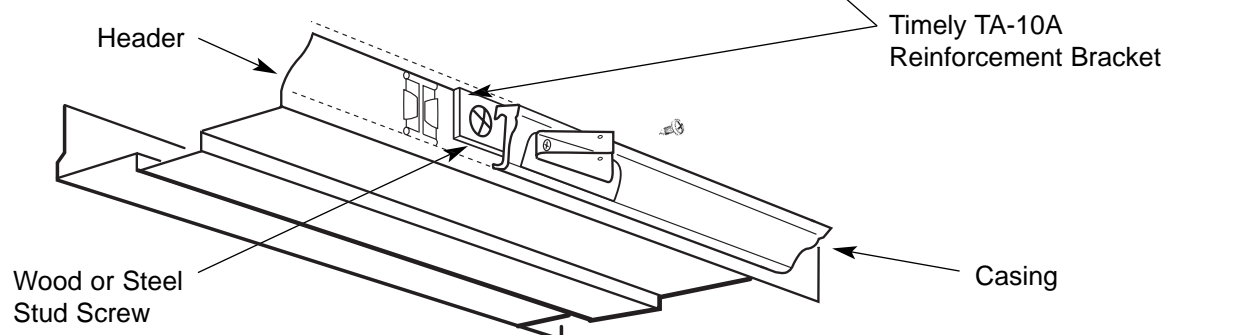
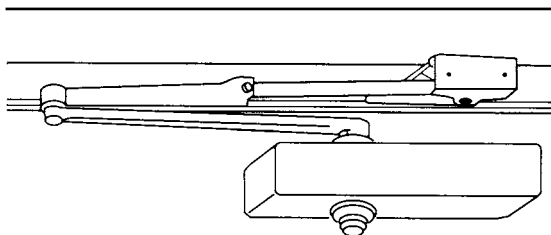


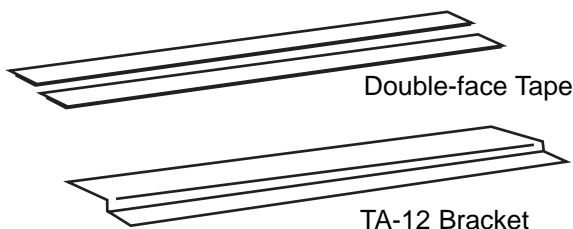
Figure 2



PARALLEL ARM



Use Timely Part No. TA-12



Double-face Tape

TA-12 Bracket

INSTALLATION OF TIMELY TA-12 CLOSER REINFORCEMENT BRACKET

1. Clean general area where Timely TA-12 closer reinforcement bracket is to be positioned on header with alcohol, TSP or similar detergent taking care not to leave a residue.
2. TA-12 bracket is designed to provide reinforcement for mounting to the doorstop of several door sizes. The bracket's narrow flange is for 34 and 45 frame sizes. The wider flange is for other wall sizes. Flop the bracket so that the appropriate flange fits in the doorstop recess. Figure 2.
3. Select the flange you will use before applying tape. (See step 5)
4. The bracket must be attached **BEFORE** installing header.
5. Expose double faced tape by removing paper backing on one side of the two strips and position and apply to the selected side of the bracket. Remove the backing paper from the mounted tapes when you are ready to secure the bracket to the frame. Figure 1.
6. Position closer shoe onto frame and drill pilot holes through frame and closer reinforcement bracket. Tap holes as specified in closer instructions.
7. Secure closer shoe to frame.

Figure 1

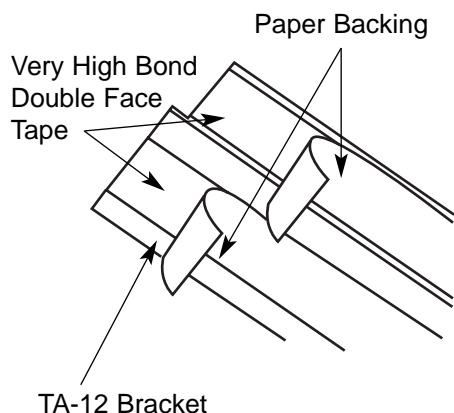
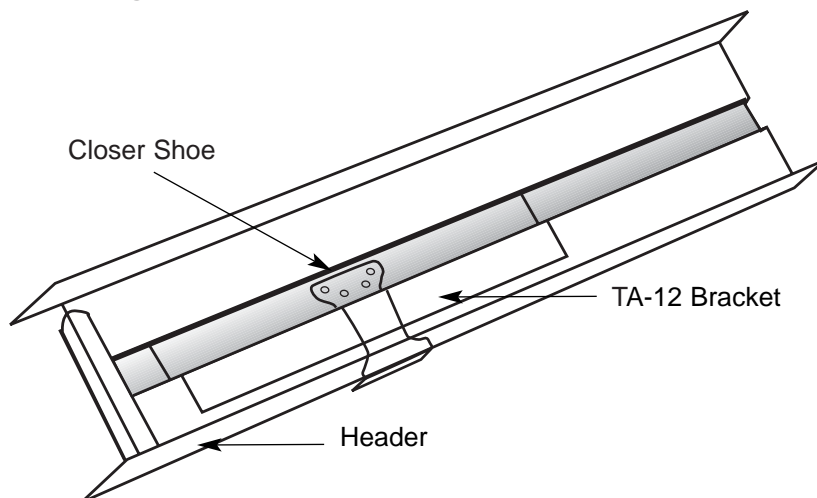


Figure 2

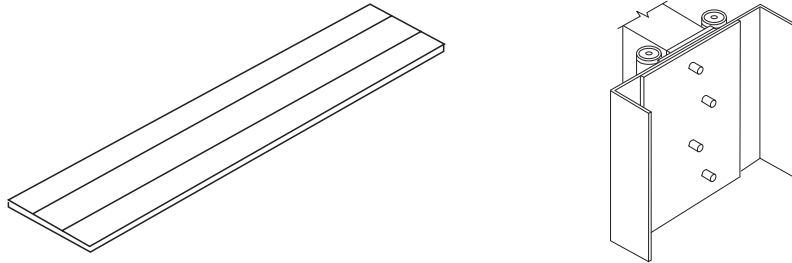


Installation Instructions

TA-25 Multi-Purpose Reinforcement Bracket/ Reinforcement Applications

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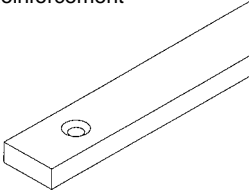
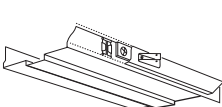
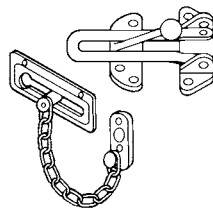
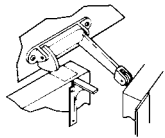
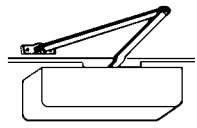
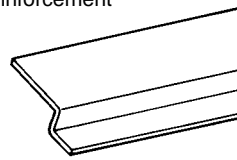
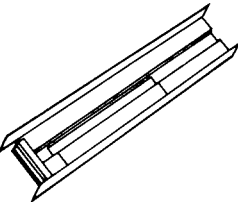
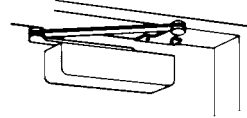
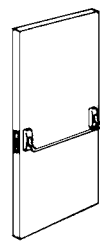
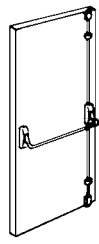
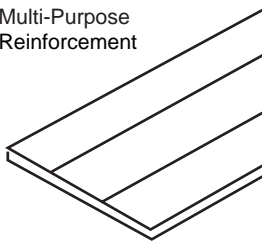
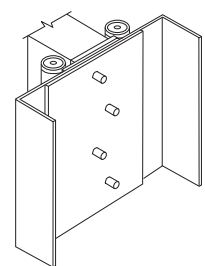
Effective March 2007

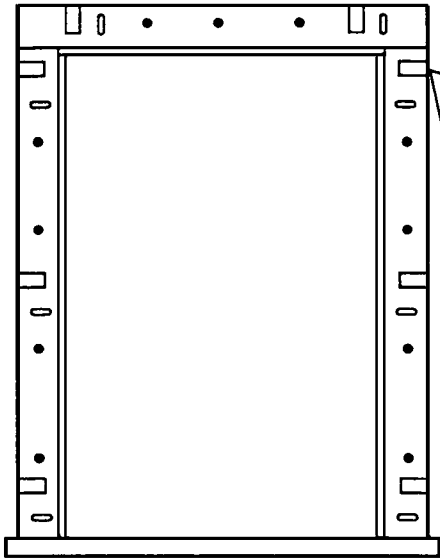


INSTALLATION OF TIMELY TA-25 MULTI-PURPOSE REINFORCEMENT BRACKET

1. Verify reinforcement and location required.
(multi-purpose reinforcement TA-25 can be easily adapted to meet specific needs)
2. Clean general area where Timely TA-25 reinforcement is to be positioned on the frame.
3. Expose double face tape on reinforcement plate by removing paper backing on the two strips of tape and press into position to secure the reinforcement to frame.
4. Expose double face tape by removing paper backing and press onto reinforcement as required. (I-13, #2)
5. Install frame and door in conventional manner.
6. Drill and tap holes as required.

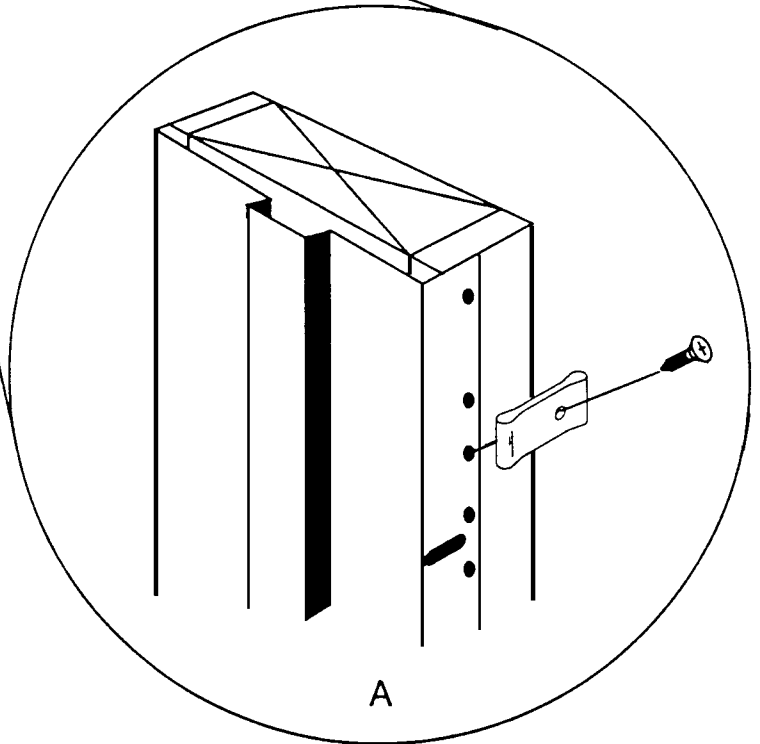
REINFORCEMENT APPLICATIONS

COMPONENT	INSTALLATION	APPLICATION
TA-10 Regular Arm Closer Reinforcement 		Steel Chain Guards and Door Guards  Regular or Concealed Arm Closer, Top Jamb Mounted Closers or Surface Applied Door Coordinators  
TA-12 Parallel Arm Closer Reinforcement 		Parallel Arm Closers, Surface, Vertical Rod and Rim Exit Devices   
TA-25 Multi-Purpose Reinforcement 		<p>FOR AN APPLICATION WHERE A SOLID 14 GAUGE REINFORCEMENT IS REQUIRED</p>



The Timely TA-18 Retainer Clip is used when a customer decides to use a Timely casing profile on a frame not prepared to accept casing.

This clip will fall into perfect register when attached to our frame through any nail hole. (See Diagram A). We recommend 4 clips to each upright and 3 clips on the header based on a 3-0 x 6-8 opening. Ideal for use on hollow metal frames or any flat surface where our casing may be required.



FRAME PREPARATION

WARNING: Surface preparation is necessary for proper adhesion. Failure to prepare the surface could result in product failure and/or latching difficulty. We recommend that the installation of the adhesive backed gasket take place after construction is completed, flooring material has been installed, and final cleaning has taken place.

SURFACE: Ensure that all surfaces are clean, dry and free of dust, grease, oil and or wax.

CLEANING: Surface may be prepared with handi wipe provided, TSP or similar cleanser. Wipe surface with clean, dry, lint-free cloth and allow to dry completely prior to application. Note: a micro-layer of wax is applied to the frame as a lubricant during manufacturing. It must be removed prior to applying seal to ensure proper adhesion.

INSTALLATION

DO NOT ATTEMPT TO APPLY INTUMESCENT SEAL IN "ONE-PIECE." REMOVE PAPER BACKING IN 36" (91.4MM) SECTIONS FOR PROPER INSTALLATION.

The TA-50 adhesive backing gradually sets to a high peel strength. Immediate removal and resetting can be done if an error is made in initial placement. Full set is reached in approximately 24 hours.

1. Remove approximately 12" of paper backing from the TA-50 Intumescent Seal, being careful not to touch the adhesive with dirty or sweaty hands or to drag it in the dust or dirt.
2. Position the TA-50 Intumescent Seal in the center of the jamb face (directly across from the center of the door edge when in a closed position) and press in place. Press down each inch of length to insure complete adhesion to the frame.
3. Remove the next 12" of paper backing and repeat step 2 until the entire length for head or jamb is installed. Cut material at corners where head and jambs meet.

APPLICATION TIPS AND WARNINGS

(A) Don't stretch material. Product can retract or shrink if stretched. (B) Use very firm, perpendicular pressure when applying. Extra pressure required due to product weight and absence of re-compression. (C) Use wallpaper seam roller or screwdriver handle butt to reinforce adhesion after applying. Caution: Do not stretch material when using reinforcing roller or screwdriver butt. Run roller or butt with up and down motions. (D) Double check adhesion after 2-3 hours before leaving job overnight. (E) If smoke gasket or intumescent strip separates from frame, press again with firm pressure in place. NOTE: If adhesive strip is exposed, airborne dust may impede adhesion. Replacement may be necessary at this stage. (F) Note: Headers must be installed with equal pressure at jambs. Sometimes too little pressure is applied at header due to awkward overhead application.

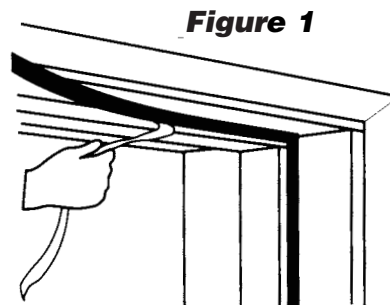
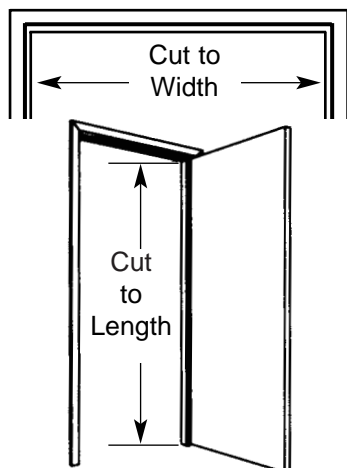


Figure 1

FRAME PREPARATION

WARNING: Surface Preparation is necessary for proper adhesion. Failure to prepare the surface could result in product failure and/or latching difficulty.

SURFACE: Ensure that all surfaces are clean, dry and free of dust, grease, oil and/or wax.

CLEANING: Surface may be prepared with handi wipe provided, TSP or similar cleanser. Wipe surface with clean, dry, lint-free cloth and allow to dry completely prior to application.

TEMPERATURE: Your TIMELY INDUSTRIES' gasket adhesive will perform to optimum specifications when applied to a clean, dry frame between 50 and 100 degrees Fahrenheit (surface temperature).

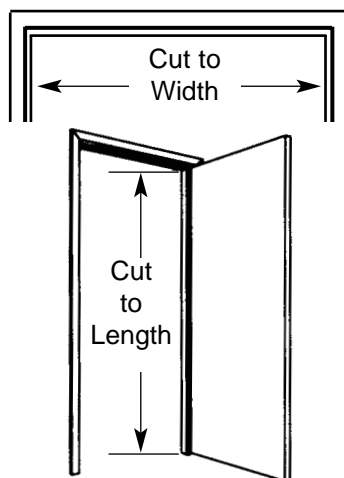
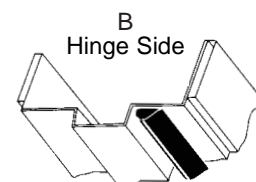
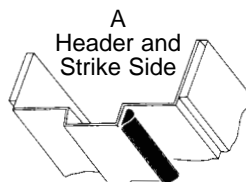
Note: A micro-layer of wax is applied to the frame as a lubricant during manufacturing. It must be removed prior to applying gasket to ensure proper adhesion.

INSTALLATION

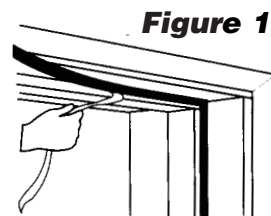
Wipe stop portion of frame and make sure it is clean and dry,

Do not attempt to apply gasket in "one-piece" Cut into three (3) sections for proper installation, (See Below)

1. Cut smoke gaskets for sides to length and apply to the stop on the strike side and to the rabbet on the hinge side. See Diagram A & B.



2. INITIAL PLACEMENT: Remove a portion of paper backing which protects the adhesive by gradually peeling the tape and press gasket in place. (do not touch the adhesive) (Figure 1)

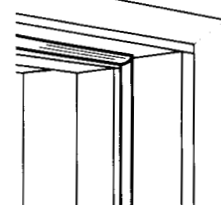


3. Cut gasket for head to size. Gradually peel the tape from the adhesive and press the gasket in place. Apply as shown in Figure 1.

Figure 2

4. Do not overlap gasket where header and sides meet, (See Figure 2)

5. Press all 3 pieces again making sure it is securely applied. Test door for proper operation



Traditional Installation -
 For any other Fire Requirements, See Mfg Installation Sheet

INSTRUCTIONS:

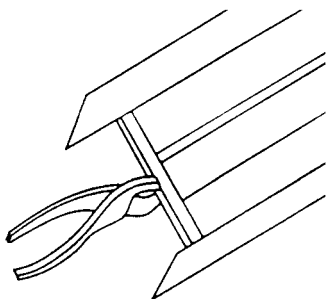
1. Remove approximately 24" (610mm) of backing from the SiliconSeal™ strip. Be careful not to touch it with dirty or sweaty hands or drag the adhesive on the ground.
2. With the stabilizer flange pointing away from the stop, position the SiliconSeal.™ Without stretching it, press down each inch of length to activate all of the adhesive against the frame. The use of a hand roller is highly recommended.
3. Remove the next 24" (610 mm) of paper backing and repeat (2) until the entire length for a top or side is installed. Do not install as one continuous piece – cut the SiliconeSeal™ (with a cope or miter joint) at the corners where the top and sides meet.

ADJUSTMENT OF GASKET & SETTING OF ADHESIVE: Gasket may be readjusted within the first hour. Adhesive will take a permanent set in 24-48 hours, depending on surface of frame.

READ ALL INSTRUCTIONS BEFORE STARTING

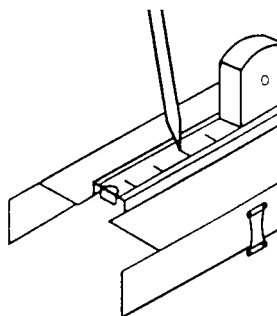
STEP 1

Remove alignment tab with pliers. Be careful not to destroy tab because it will be re-used later.



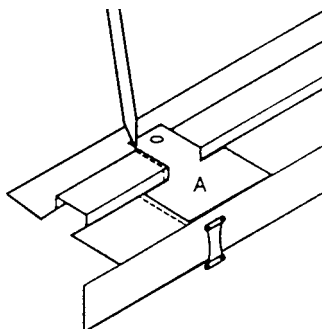
STEP 2

Measure amount to be removed across top of stop.



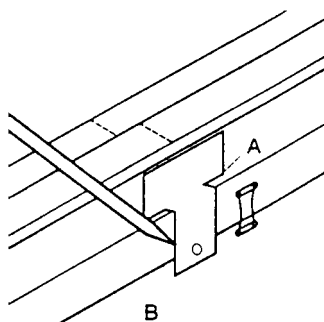
STEP 3

Use template TA-16 and scribe a line across the top and down the side of stop continuing along bend at bottom of stop and across rabbet. Do this on each side of stop.



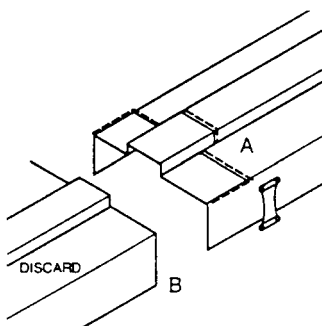
STEP 4

Again use template TA-16. Line it up with scribe line A across the top of rabbet. (Sometimes it is necessary to remove a clip. Do this on each side if necessary). Scribe line B.



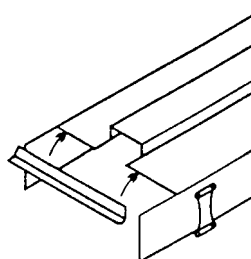
STEP 5

Make a straight cut across header at line B. Then cut on remaining scribe lines as indicated by dotted lines. Use band saw or hack saw to cut. We recommend a blade with 32 teeth per inch.



STEP 6

Reinstall alignment tab, and crimp into place. (crimping tool available, part # TA-26MODN-4).



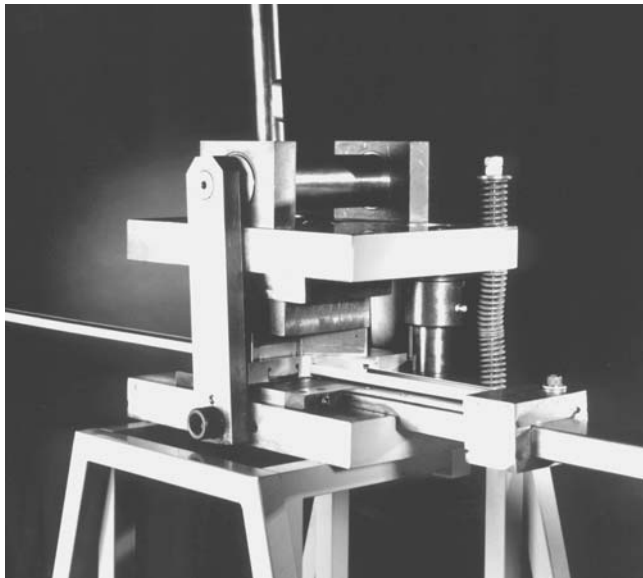
STEP 7 Cut casing to size by removing same amount as was removed from the header.

Announcing the **TIMELY FABRICATION SYSTEM** for increased efficiency and profit

TA-26 M.O.D. Units

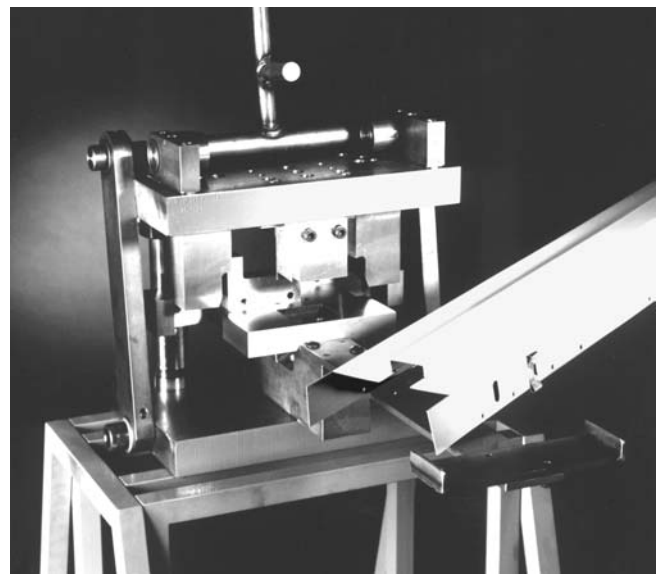
This series of manually operated die units permits you to fabricate prefinished material into fire rated KD sidelites, borrowed lites and windows. The TA-26 Casing Die, Notching Die, and Glass Stop Cutter (not shown) are all you need for producing professional sidelite systems at amazingly affordable prices.

TA-26 Casing Die



Provides effortless, precision miter cuts for either 45 or 90 degrees.

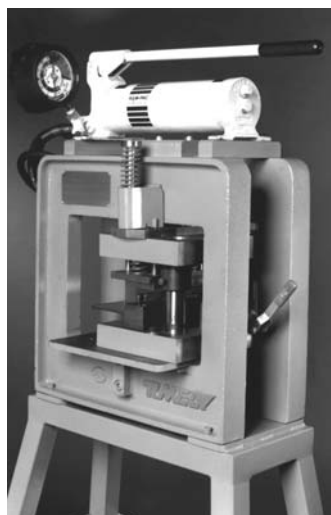
TA-26 Notching Die



Provides, with ease, all notching required to produce either a header or a mullion configuration. (For wall sizes 3 3/4" - 8 3/4" excluding 4".)

TA-26 Hydro Press

A manually operated 30-ton press which enables the user to emboss an ASA strike, 4 1/2" Hinge, 4" Hinge, 3 1/2" Hinge, Deadbolt Strike, T-Strike, and Flushbolt Strike. Here's a revolutionary new concept for manufacturing your own frames in your own shop when you need them. Easy to operate to save you valuable time.

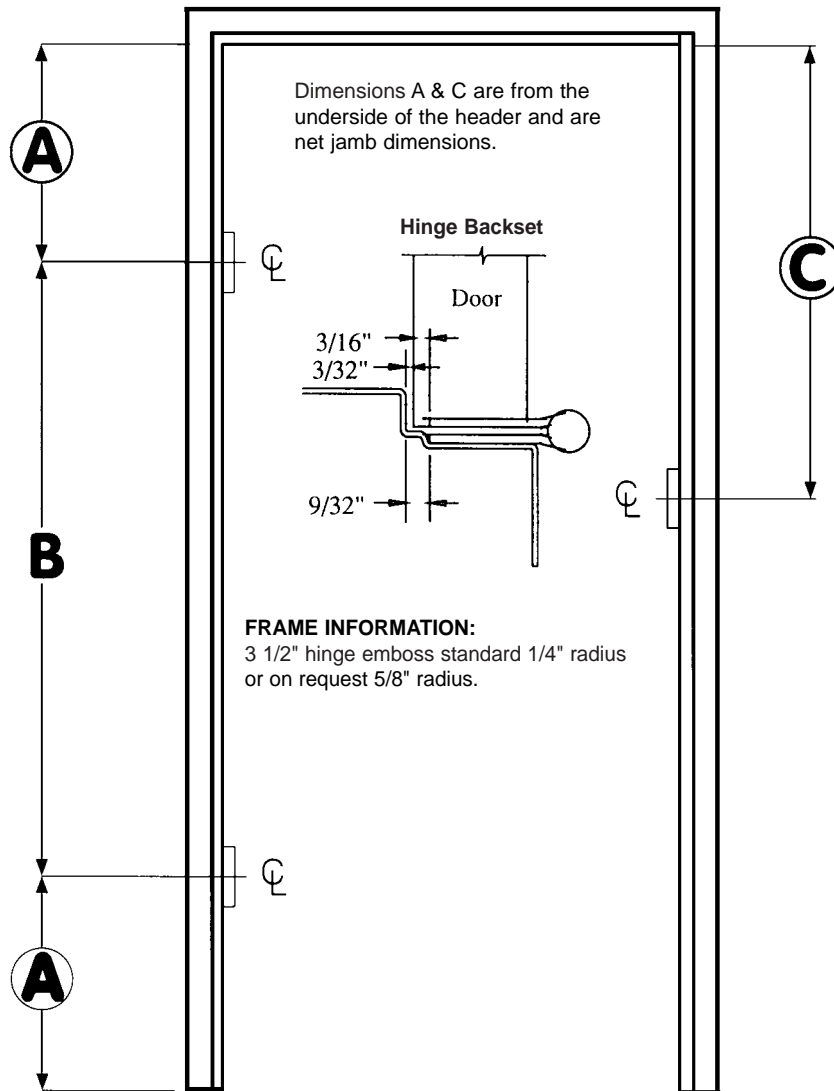


TA-26 M.O.D.ST Stop-Trim Die

Designed to provide a straight and square header notch.



NOTE: When using this chart for premachining door measurements, reduce the A & C dimensions 3/32" each for door clearance.

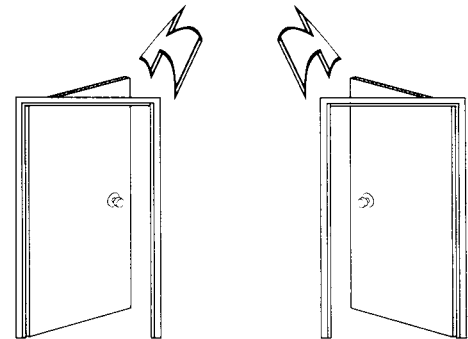
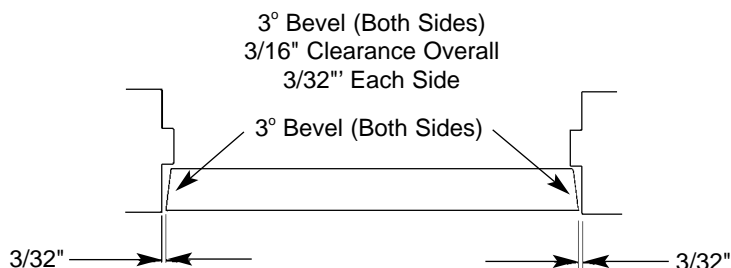


Net Frame Dimensions

+ HEIGHT	A	B	C
3-0	10-3/32	16	18-3/32*
3-2	10-3/32	18	19-3/32*
3-6	10-3/32	22	21-3/32*
4-0	10-3/32	28	24-3/32*
4-2	10-3/32	30	25-3/32*
4-4	10-3/32	32	26-3/32*
4-6	10-3/32	34	27-3/32*
4-8	10-3/32	36	28-3/32*
4-10	10-3/32	38	29-3/32*
5-0	10-3/32	40	20-3/32
5-2	10-3/32	42	22-3/32
5-6	10-3/32	46	26-3/32
6-0	10-3/32	52	32-3/32
6-2	10-3/32	54	34-3/32
6-4	10-3/32	56	36-3/32
6-8	10-3/32	60	40-3/32 *
6-9	10-3/32	61	41-3/32
	10-3/32	61	40-19/32 *
7-0	10-3/32	64	44-3/32
	10-3/32	64	42-3/32 *
7-2	10-3/32	66	46-3/32
7-4	10-3/32	68	48-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

+ Frame Heights are 3/16" longer than call out door height unless ordered net. (3/32" top, 3/32" bottom for clearance).



Left Hand

Right Hand

Handing Information
 To establish handing always **Push** the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.
 PLEASE SPECIFY IF USING COMMERCIAL OR RESIDENTIAL WEIGHT HINGES.

Prefit Specifications

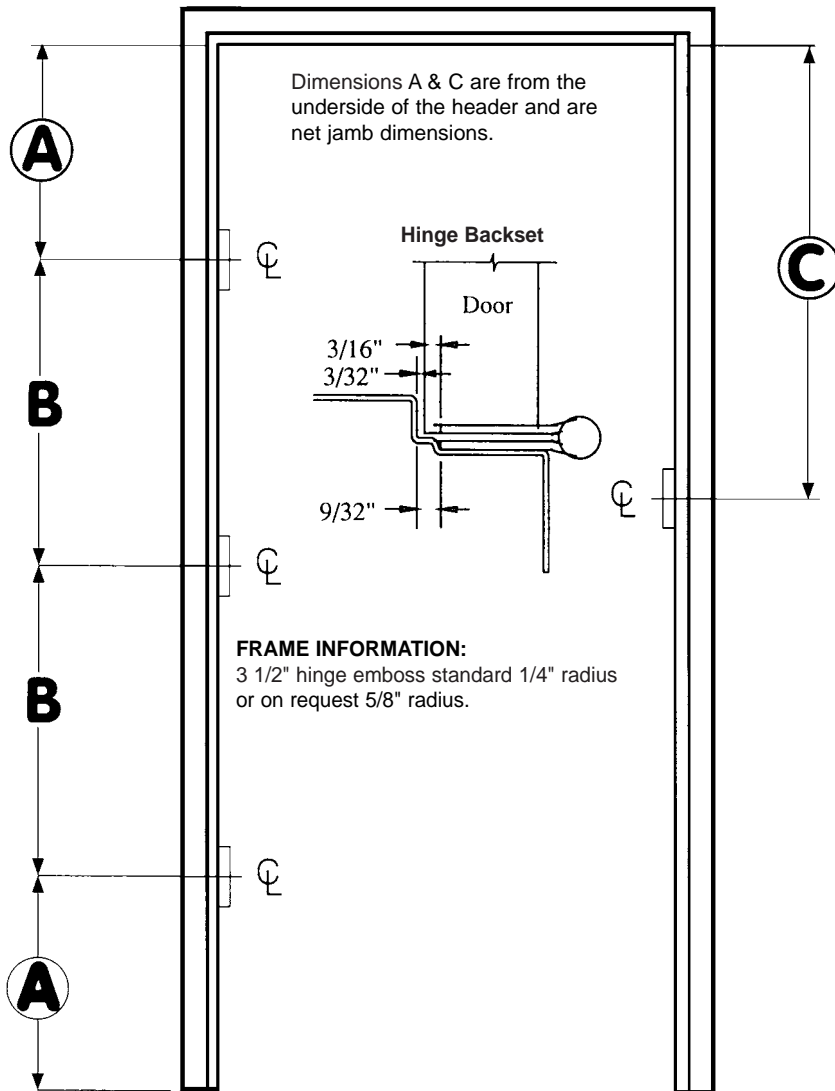
Frame Hinge and Strike Locations

1 3/8" with 3 Each 3 1/2" Hinges

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Effective March 2007

NOTE: When using this chart for premachining door measurements, reduce the A & C dimensions 3/32" each for door clearance.

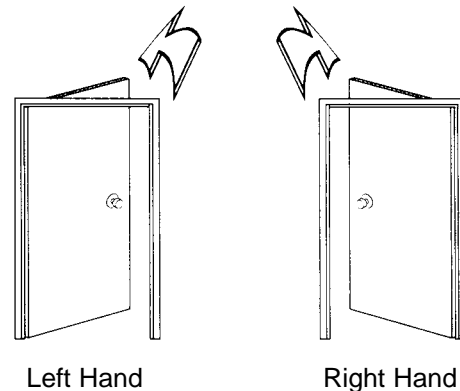
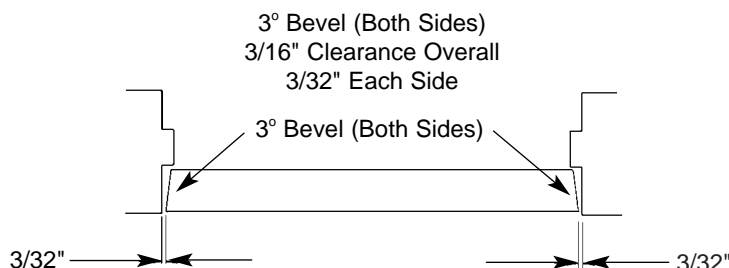


Net Frame Dimensions

+ HEIGHT	A	B	C
5-0	10-3/32	20	20-3/32
5-1	10-3/32	20-1/2	21-3/32
5-2	10-3/32	21	22-3/32
5-4	10-3/32	22	24-3/32
6-0	10-3/32	26	32-3/32
6-8	10-3/32	30	40-3/32*
6-9	10-3/32	30-1/2	41-3/32
	10-3/32	30-1/2	40-19/32*
7-0	10-3/32	32	44-3/32
	10-3/32	32	42-3/32*
7-4	10-3/32	34	48-3/32
7-6	10-3/32	35	50-3/32
7-8	10-3/32	36	52-3/32
7-10	10-3/32	37	54-3/32
8-0	10-3/32	38	56-3/32
8-4	10-3/32	40	60-3/32
8-6	10-3/32	41	62-3/32
8-8	10-3/32	42	64-3/32
8-10	10-3/32	43	66-3/32
9-0	10-3/32	44	68-3/32
10-0	10-3/32	50	80-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

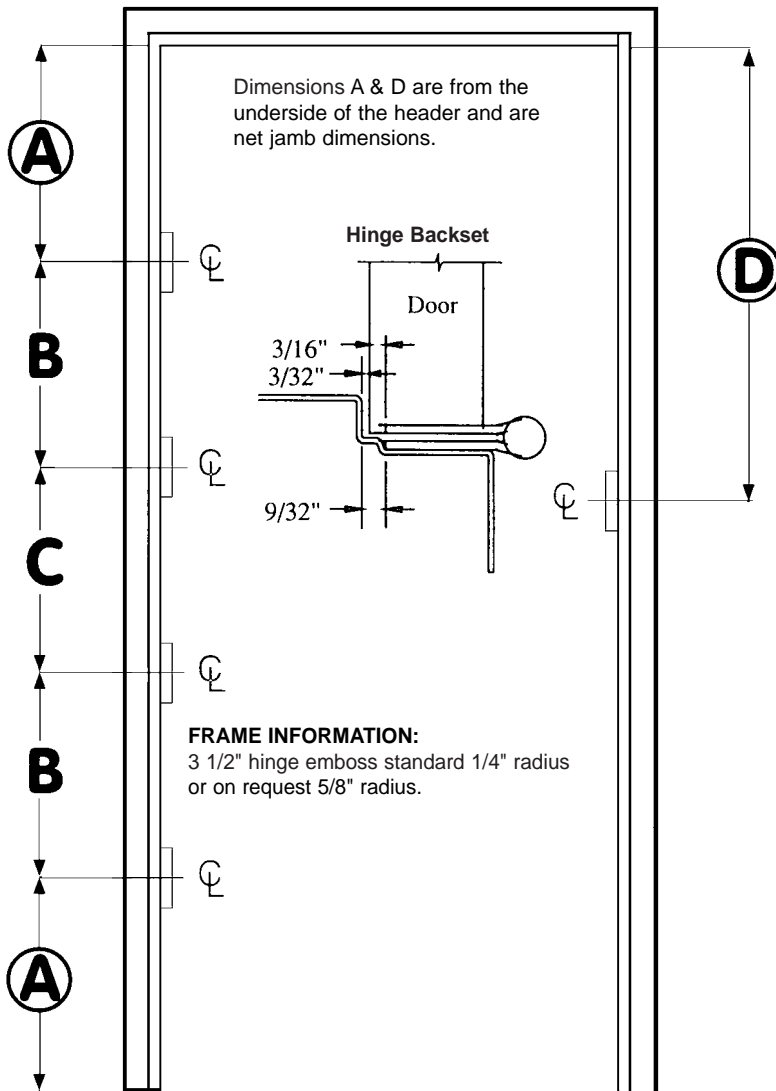
+ Frame Heights are 3/16" longer than call out door height unless ordered net.
 (3/32" top, 3/32" bottom for clearance).



Handing Information
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NOTE: When using this chart for premachining door measurements,
 reduce the A & D dimensions 3/32" each for door clearance.

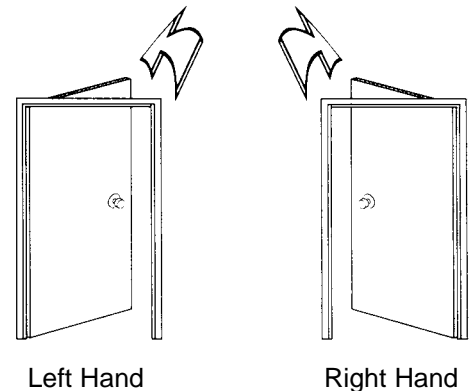
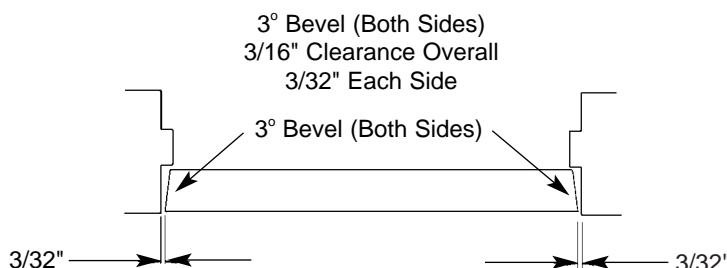


Net Frame Dimensions

+ HEIGHT	A	B	C	D
6-0	10-3/32	17-1/4	17-1/2	32-3/32
6-8	10-3/32	20	20	40-3/32*
6-9	10-3/32	20-1/4	20-1/2	41-3/32
6-10	10-3/32	20-1/4	20-1/2	40-19/32*
7-0	10-3/32	21-1/4	21-1/2	44-3/32
7-2	10-3/32	22	22	46-3/32
7-4	10-3/32	22-1/2	23	48-3/32
7-6	10-3/32	23-1/4	23-1/2	50-3/32
7-8	10-3/32	24	24	52-3/32
7-10	10-3/32	24-1/2	25	54-3/32
8-0	10-3/32	25-1/4	25-1/2	56-3/32
8-2	10-3/32	26	26	58-3/32
8-4	10-3/32	26-1/2	27	60-3/32
8-6	10-3/32	27-1/4	27-1/2	62-3/32
8-8	10-3/32	28	28	64-3/32
8-10	10-3/32	28-1/2	29	66-3/32
9-0	10-3/32	29-1/4	29-1/2	68-3/32
9-4	10-3/32	30-1/2	31	72-3/32
9-8	10-3/32	32	32	76-3/32
10-0	10-3/32	33-1/4	33-1/2	80-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

+ Frame Heights are 3/16" longer than call out door height unless ordered net.
 (3/32" top, 3/32" bottom for clearance).



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 the door away from you.

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Prefit Specifications

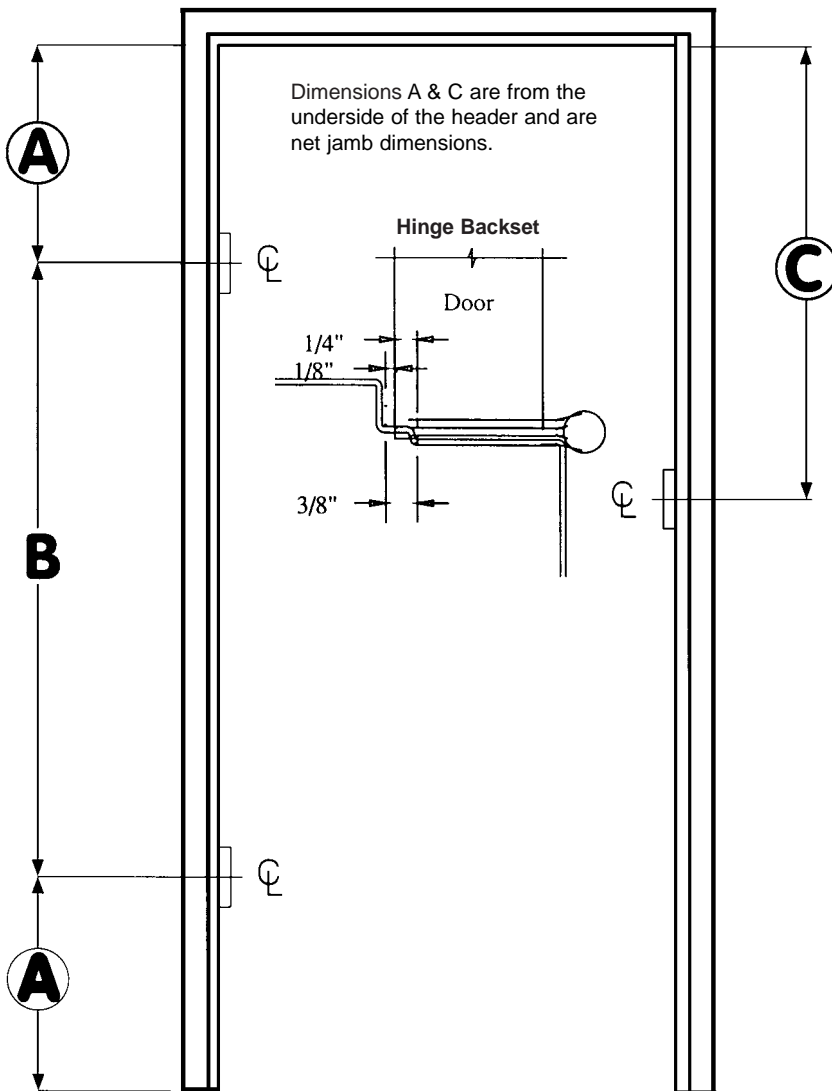
Frame Hinge and Strike Locations

1 3/4" with 2 Each 4" Hinges

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Effective March 2007

NOTE: When using this chart for premachining door measurements, reduce the A & C dimensions 3/32" each for door clearance.

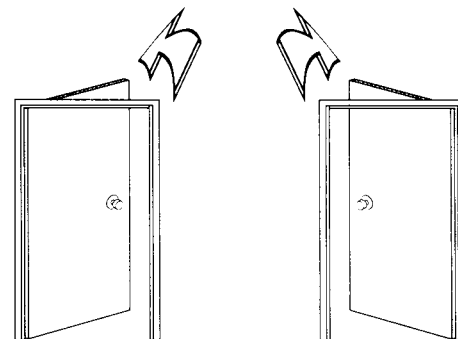
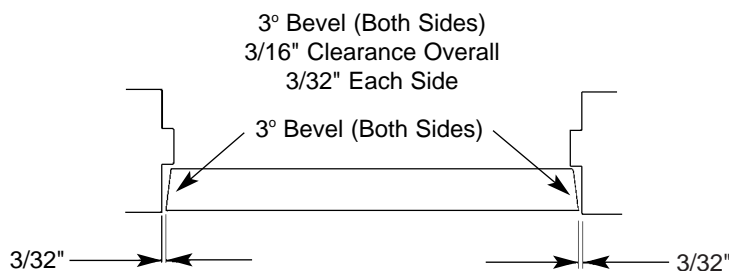


Net Frame Dimensions

+ HEIGHT	A	B	C
3-0	10-11/32	15-1/2	18-3/32*
3-2	10-11/32	17-1/2	19-3/32*
3-6	10-11/32	21-1/2	21-3/32*
4-0	10-11/32	27-1/2	24-3/32*
4-2	10-11/32	29-1/2	25-3/32*
4-4	10-11/32	31-1/2	26-3/32*
4-6	10-11/32	33-1/2	27-3/32*
4-8	10-11/32	35-1/2	28-3/32*
4-10	10-11/32	37-1/2	29-3/32*
5-0	10-11/32	39-1/2	20-3/32
5-2	10-11/32	41-1/2	22-3/32
5-6	10-11/32	45-1/2	26-3/32
6-0	10-11/32	51-1/2	32-3/32
6-2	10-11/32	53-1/2	34-3/32
6-4	10-11/32	55-1/2	36-3/32
6-8	10-11/32	59-1/2	40-3/32 *
6-9	10-11/32	60-1/2	41-3/32
	10-11/32	60-1/2	40-19/32 *
7-0	10-11/32	63-1/2	44-3/32
	10-11/32	63-1/2	42-3/32 *
7-2	10-11/32	65-1/2	46-3/32
7-4	10-11/32	67-1/2	48-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

+ Frame Heights are 3/16" longer than call out door height unless ordered net. (3/32" top, 3/32" bottom for clearance).



Left Hand

Right Hand

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FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

Prefit Specifications

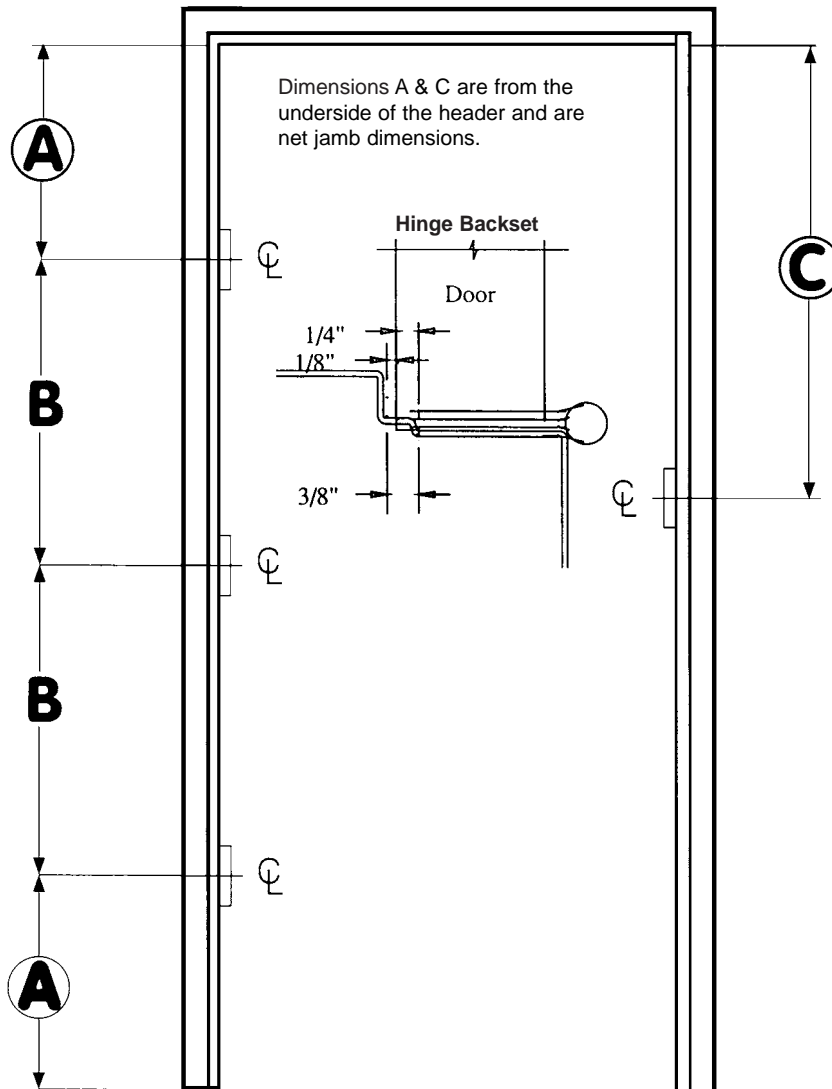
Frame Hinge and Strike Locations

1 3/4" with 3 Each 4" Hinges

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

NOTE: When using this chart for premachining door measurements, reduce the A & C dimensions 3/32" each for door clearance.

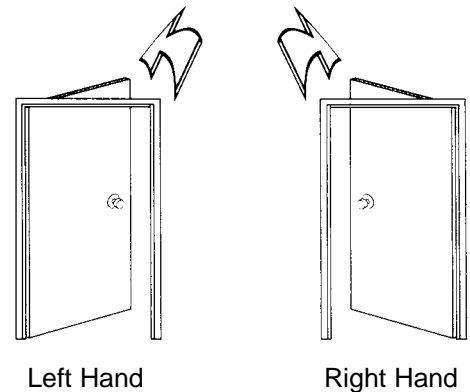
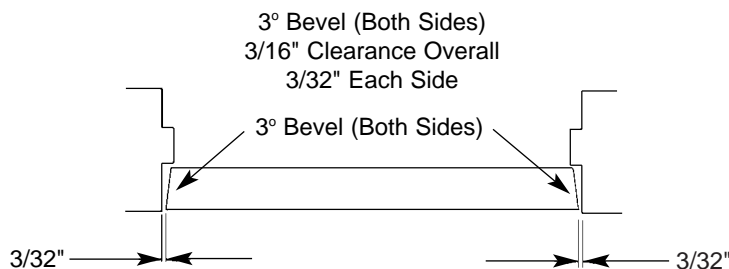


Net Frame Dimensions

+ HEIGHT	A	B	C
5-0	10-11/32	19-3/4	20-3/32
5-1	10-11/32	20-1/4	21-3/32
5-2	10-11/32	20-3/4	22-3/32
5-4	10-11/32	21-3/4	24-3/32
6-0	10-11/32	25-3/4	32-3/32
6-8	10-11/32	29-3/4	40-3/32*
6-9	10-11/32	30-1/4	41-3/32
	10-11/32	30-1/4	40-19/32*
7-0	10-11/32	31-3/4	44-3/32
	10-11/32	31-3/4	42-3/32*
7-4	10-11/32	33-3/4	48-3/32
7-6	10-11/32	34-3/4	50-3/32
7-8	10-11/32	35-3/4	52-3/32
7-10	10-11/32	36-3/4	54-3/32
8-0	10-11/32	37-3/4	56-3/32
8-4	10-11/32	39-3/4	60-3/32
8-6	10-11/32	40-3/4	62-3/32
8-8	10-11/32	41-3/4	64-3/32
8-10	10-11/32	42-3/4	66-3/32
9-0	10-11/32	43-3/4	68-3/32
10-0	10-11/32	49-3/4	80-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

+ Frame Heights are 3/16" longer than call out door height unless ordered net. (3/32" top, 3/32" bottom for clearance).



Handing Information
 To establish handing always **Push** the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

Prefit Specifications

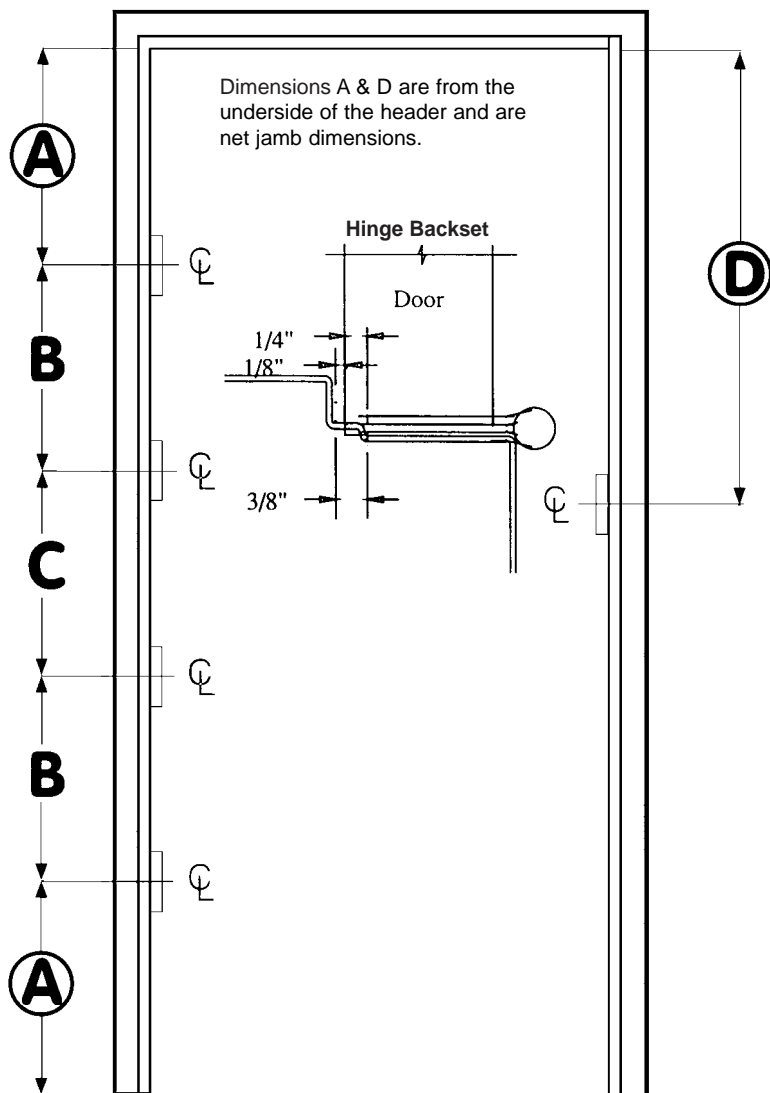
Frame Hinge and Strike Locations

1 3/4" with 4 Each 4" Hinges

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

NOTE: When using this chart for premachining door measurements, reduce the A & D dimensions 3/32" each for door clearance.

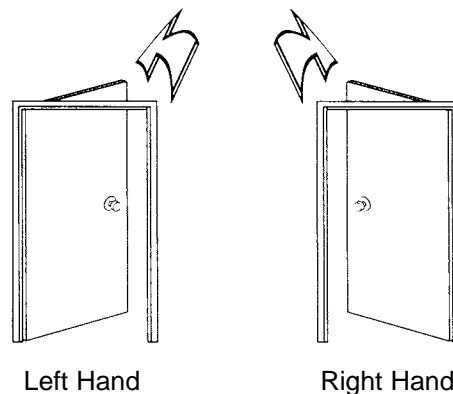
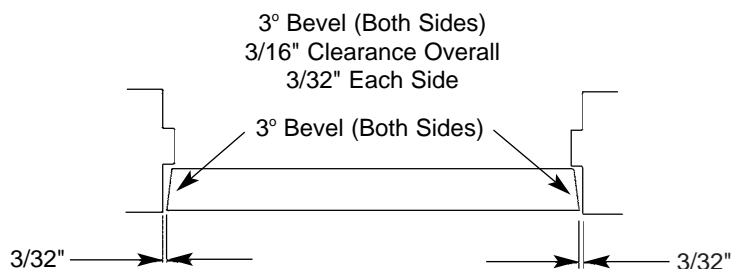


Net Frame Dimensions

+ HEIGHT	A	B	C	D
6-0	10-11/32	17	17-1/2	32-3/32
6-8	10-11/32	19-3/4	20	40-3/32*
6-9	10-11/32	20-1/8	20-1/4	41-3/32
	10-11/32	20-1/8	20-1/4	40-19/32*
6-10	10-11/32	20-1/2	20-1/2	42-3/32
7-0	10-11/32	21	21-1/2	44-3/32
	10-11/32	21	21-1/2	42-3/32*
7-2	10-11/32	21-3/4	22	46-3/32
7-4	10-11/32	22-1/2	22-1/2	48-3/32
7-6	10-11/32	23	23-1/2	50-3/32
7-8	10-11/32	23-3/4	24	52-3/32
7-10	10-11/32	24-1/2	24-1/2	54-3/32
8-0	10-11/32	25	25-1/2	56-3/32
8-2	10-11/32	25-3/4	26	58-3/32
8-4	10-11/32	26-1/2	26-1/2	60-3/32
8-6	10-11/32	27	27-1/2	62-3/32
8-8	10-11/32	27-3/4	28	64-3/32
8-10	10-11/32	28-1/2	28-1/2	66-3/32
9-0	10-11/32	29	29-1/2	68-3/32
9-4	10-11/32	30-1/2	30-1/2	72-3/32
9-8	10-11/32	31-3/4	32	76-3/32
10-0	10-11/32	33	33-1/2	80-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

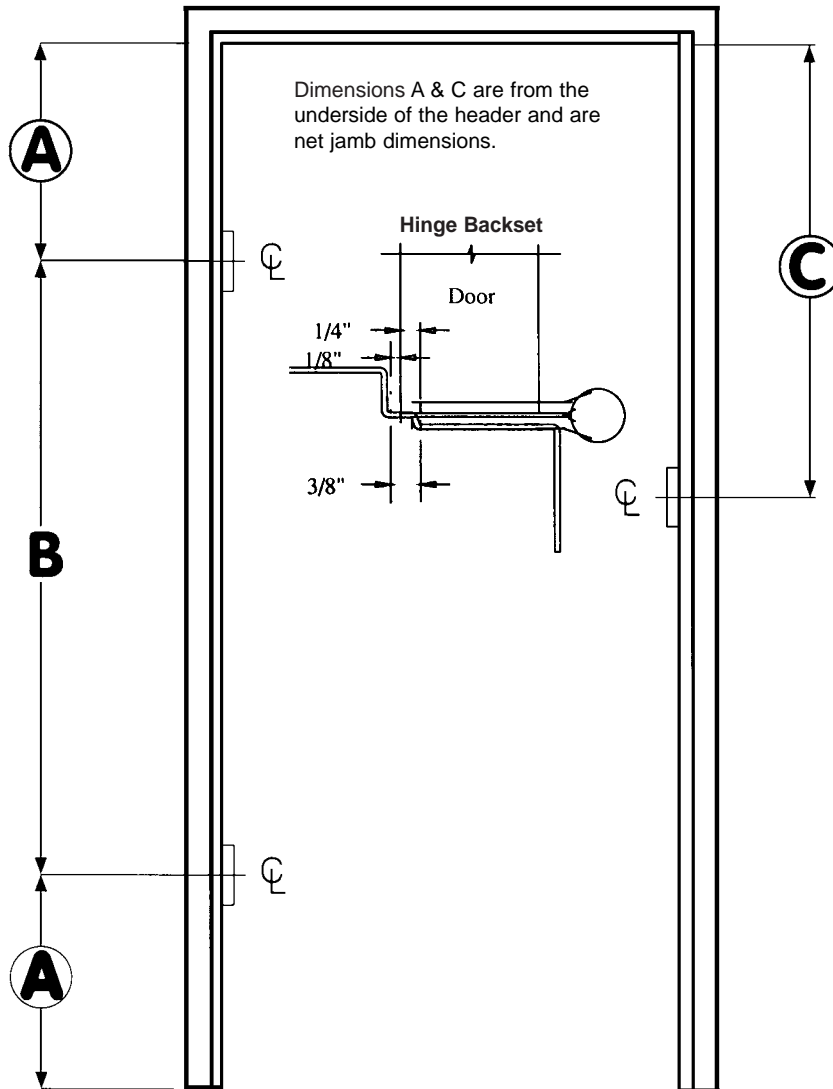
+ Frame Heights are 3/16" longer than call out door height unless ordered net. (3/32" top, 3/32" bottom for clearance).



Handing Information
 To establish handing always **Push** the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

NOTE: When using this chart for premachining door measurements,
 reduce the A & C dimensions 3/32" each for door clearance.

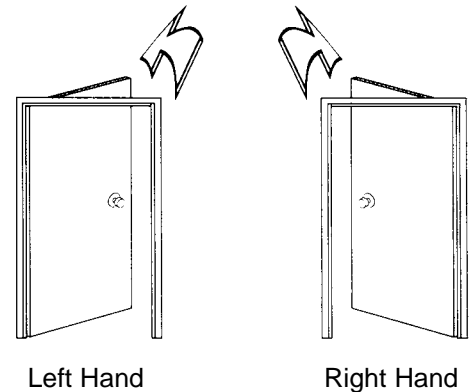
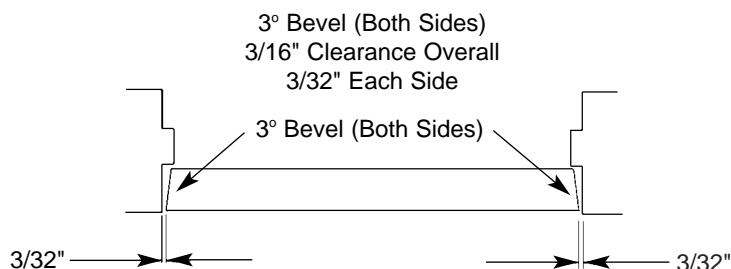


Net Frame Dimensions

+ HEIGHT	A	B	C
3-0	10-19/32	15	18-3/32*
3-2	10-19/32	17	19-3/32*
3-6	10-19/32	21	21-3/32*
4-0	10-19/32	27	24-3/32*
4-2	10-19/32	29	25-3/32*
4-4	10-19/32	31	26-3/32*
4-6	10-19/32	33	27-3/32*
4-8	10-19/32	35	28-3/32*
4-10	10-19/32	37	29-3/32*
5-0	10-19/32	39	20-3/32
5-2	10-19/32	41	22-3/32
5-6	10-19/32	45	26-3/32
6-0	10-19/32	51	32-3/32
6-2	10-19/32	53	34-3/32
6-4	10-19/32	55	36-3/32
6-8	10-19/32	59	40-3/32 *
6-9	10-19/32	60	41-3/32
	10-19/32	60	40-19/32 *
7-0	10-19/32	63	44-3/32
	10-19/32	63	42-3/32 *
7-2	10-19/32	65	46-3/32
7-4	10-19/32	67	48-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

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 (3/32" top, 3/32" bottom for clearance).



Handing Information
 To establish handing always **Push**
 the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

Prefit Specifications

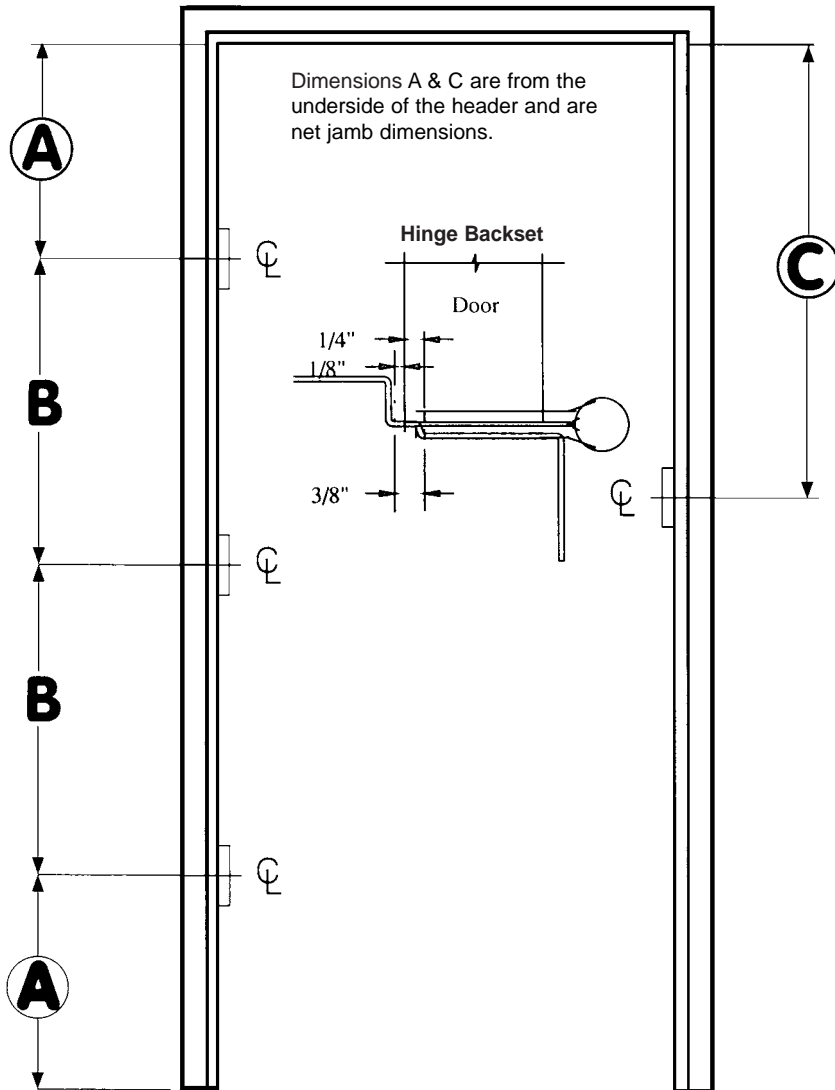
Frame Hinge and Strike Locations

1 3/4" with 3 Each 4 1/2" Hinges

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

NOTE: When using this chart for premachining door measurements, reduce the A & C dimensions 3/32" each for door clearance.

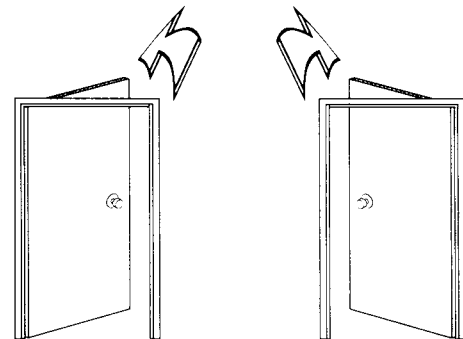
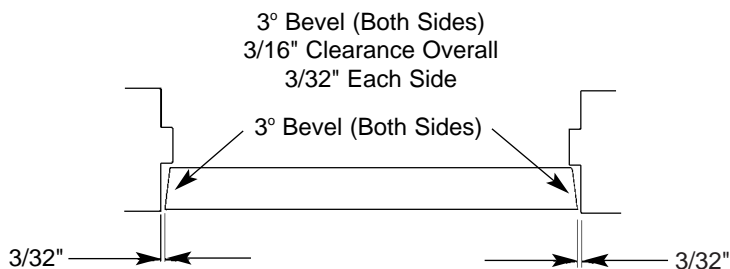


Net Frame Dimensions

+ HEIGHT	A	B	C
5-0	10-19/32	19-1/2	20-3/32
5-1	10-19/32	20	21-3/32
5-2	10-19/32	20-1/2	22-3/32
5-4	10-19/32	21-1/2	24-3/32
6-0	10-19/32	25-1/2	32-3/32
6-8	10-19/32	29-1/2	40-3/32*
6-9	10-19/32	30	41-3/32
	10-19/32	30	40-19/32*
7-0	10-19/32	31-1/2	44-3/32
	10-19/32	31-1/2	42-3/32*
7-4	10-19/32	33-1/2	48-3/32
7-6	10-19/32	34-1/2	50-3/32
7-8	10-19/32	35-1/2	52-3/32
7-10	10-19/32	36-1/2	54-3/32
8-0	10-19/32	37-1/2	56-3/32
8-4	10-19/32	39-1/2	60-3/32
8-6	10-19/32	40-1/2	62-3/32
8-8	10-19/32	41-1/2	64-3/32
8-10	10-19/32	42-1/2	66-3/32
9-0	10-19/32	43-1/2	68-3/32
10-0	10-19/32	49-1/2	80-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

+ Frame Heights are 3/16" longer than call out door height unless ordered net. (3/32" top, 3/32" bottom for clearance).



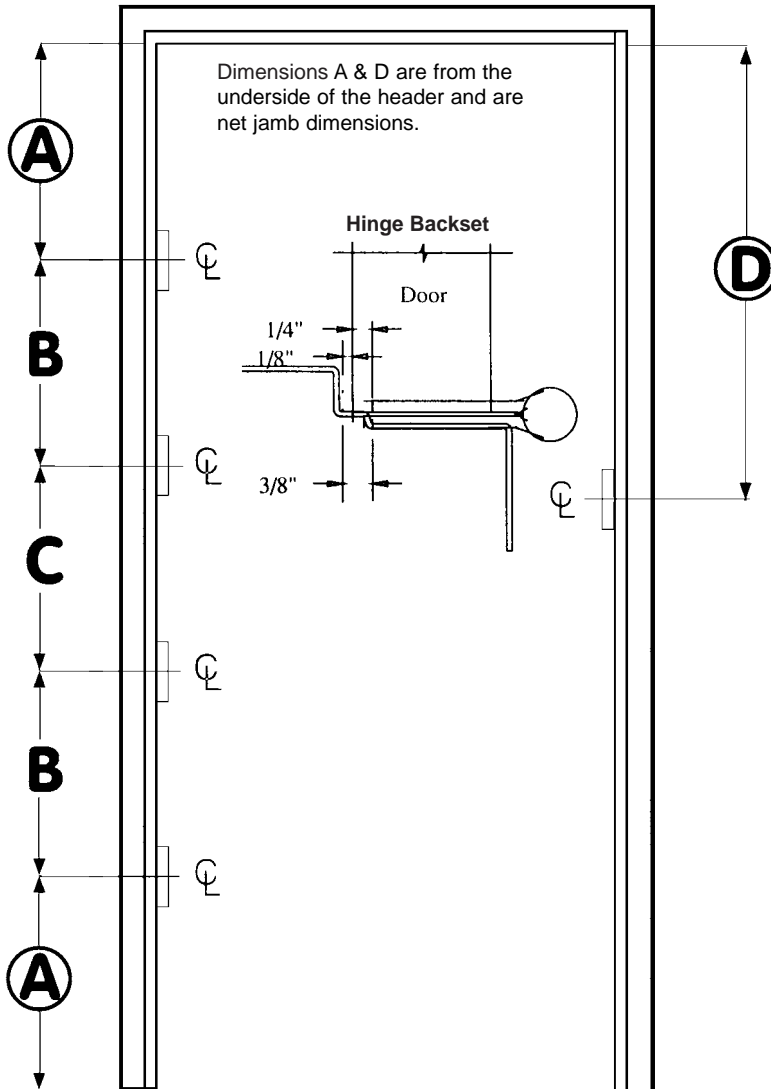
Left Hand

Right Hand

Handing Information
 To establish handing always **Push** the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

NOTE: When using this chart for premachining door measurements,
 reduce the A & D dimensions 3/32" each for door clearance.

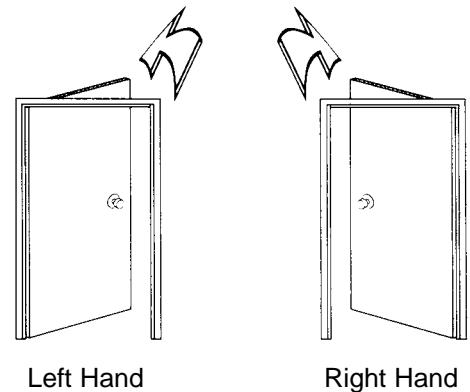
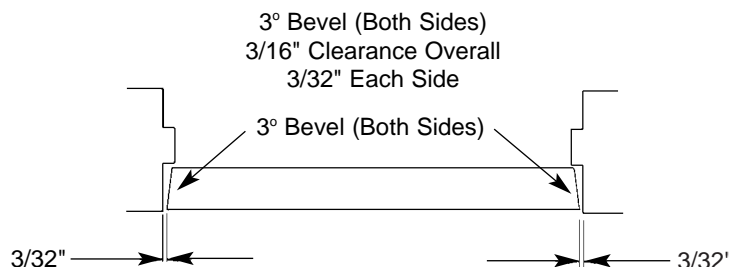


Net Frame Dimensions

+ HEIGHT	A	B	C	D
6-0	10-19/32	17	17	32-3/32
6-8	10-19/32	19-1/2	20	40-3/32*
6-9	10-19/32	20	20	41-3/32
6-10	10-19/32	20	20	40-19/32*
6-10	10-19/32	20-1/4	20-1/2	42-3/32
7-0	10-19/32	21	21	44-3/32
7-0	10-19/32	21	21	42-3/32*
7-2	10-19/32	21-1/2	22	46-3/32
7-4	10-19/32	22-1/4	22-1/2	48-3/32
7-6	10-19/32	23	23	50-3/32
7-8	10-19/32	23-1/2	24	52-3/32
7-10	10-19/32	24-1/4	24-1/2	54-3/32
8-0	10-19/32	25	25	56-3/32
8-2	10-19/32	25-1/2	26	58-3/32
8-4	10-19/32	26-1/4	26-1/2	60-3/32
8-6	10-19/32	27	27	62-3/32
8-8	10-19/32	27-1/2	28	64-3/32
8-10	10-19/32	28-1/4	28-1/2	66-3/32
9-0	10-19/32	29	29	68-3/32
9-4	10-19/32	30-1/4	30-1/2	72-3/32
9-8	10-19/32	31-1/2	32	76-3/32
10-0	10-19/32	33	33	80-3/32

*Reversible - Frame can be used as Left or Right Hand, swing in or out

+ Frame Heights are 3/16" longer than call out door height unless ordered net.
 (3/32" top, 3/32" bottom for clearance).



Handing Information
 To establish handing always **Push** the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

Prefit Specifications

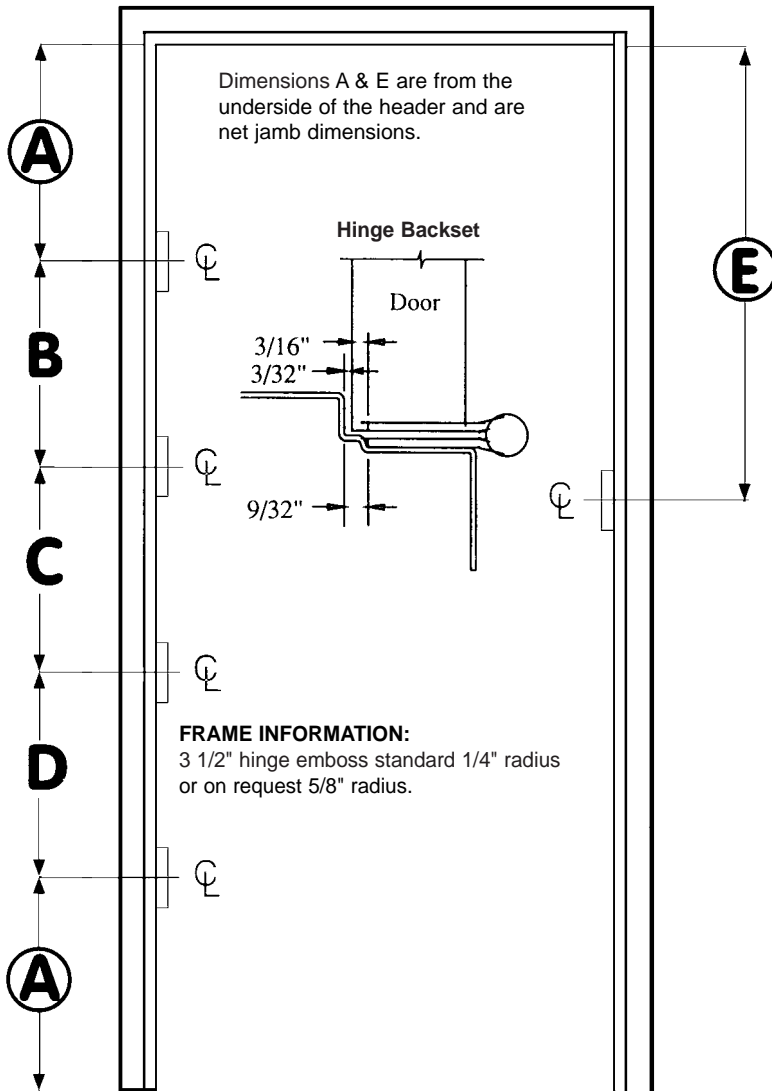
Dutch Frame Hinge and Strike Locations

1 3/8" Dutch with 4 Each 3 1/2" Hinges

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

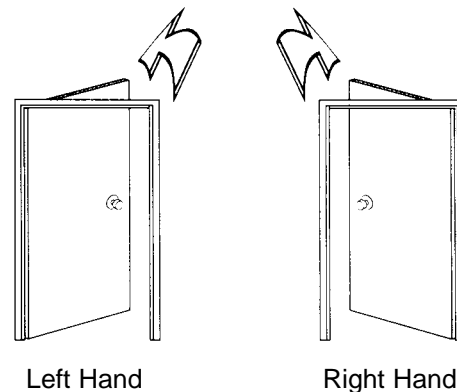
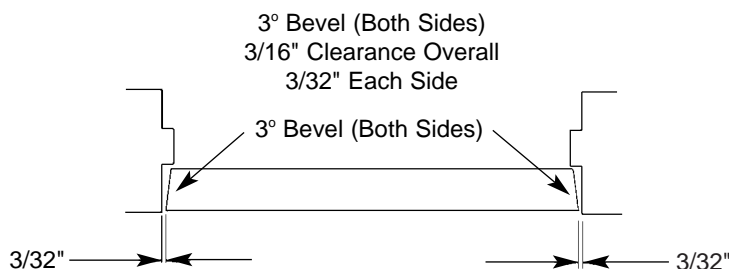
NOTE: When using this chart for premachining door measurements,
 reduce the A & E dimensions 3/32" each for door clearance.



Net Frame Dimensions

+ HEIGHT	A	B	C	D	E
6-0	4-27/32	22	10-1/2	30	36-3/32
6-8	4-27/32	30	10-1/2	30	44-3/32
6-9	4-27/32	31	10-1/2	30	45-3/32
6-10	4-27/32	32	10-1/2	30	46-3/32
7-0	4-27/32	34	10-1/2	30	48-3/32
7-2	4-27/32	36	10-1/2	30	50-3/32
7-4	4-27/32	38	10-1/2	30	52-3/32
7-6	4-27/32	40	10-1/2	30	54-3/32
7-8	4-27/32	42	10-1/2	30	56-3/32
7-10	4-27/32	44	10-1/2	30	58-3/32
8-0	4-27/32	46	10-1/2	30	60-3/32
8-2	4-27/32	48	10-1/2	30	62-3/32
8-4	4-27/32	50	10-1/2	30	64-3/32
8-6	4-27/32	52	10-1/2	30	66-3/32
8-8	4-27/32	54	10-1/2	30	68-3/32
8-10	4-27/32	56	10-1/2	30	70-3/32
9-0	4-27/32	58	10-1/2	30	72-3/32
9-4	4-27/32	62	10-1/2	30	76-3/32
9-8	4-27/32	66	10-1/2	30	80-3/32
10-0	4-27/32	70	10-1/2	30	84-3/32

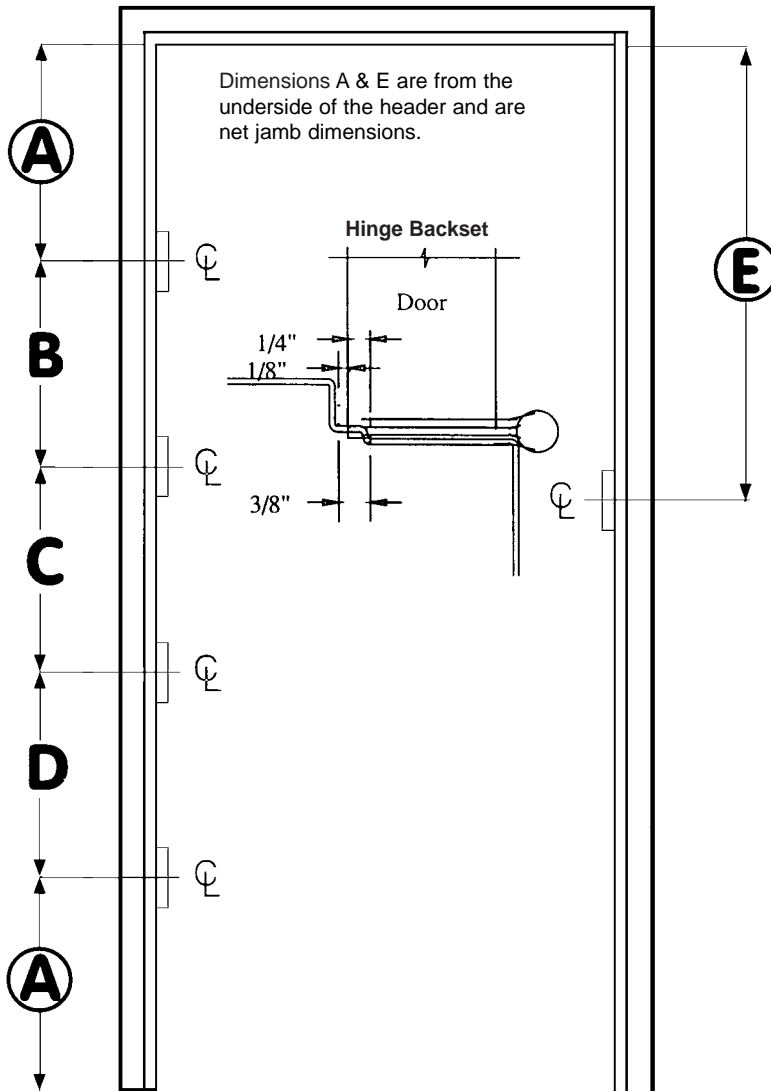
+ Frame Heights are 3/16" longer than call
 out door height unless ordered net.
 (3/32" top, 3/32" bottom for clearance).



Handing Information
 To establish handing always **Push**
 the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

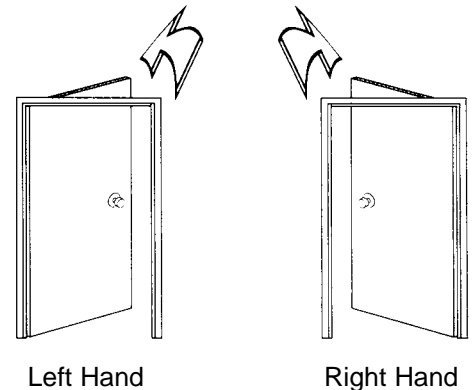
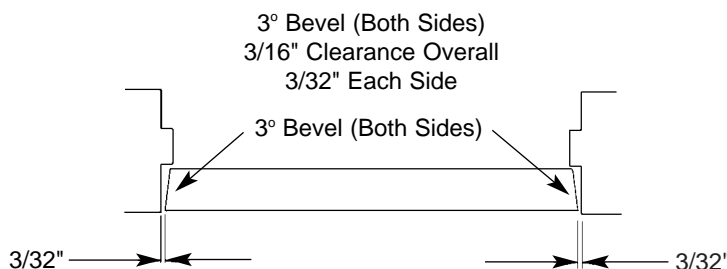
NOTE: When using this chart for premachining door measurements,
 reduce the A & E dimensions 3/32" each for door clearance.



Net Frame Dimensions

+ HEIGHT	A	B	C	D	E
6-0	5-3/32	21-1/2	11	29-1/2	36-3/32
6-8	5-3/32	29-1/2	11	29-1/2	44-3/32
6-9	5-3/32	30-1/2	11	29-1/2	45-3/32
6-10	5-3/32	31-1/2	11	29-1/2	46-3/32
7-0	5-3/32	33-1/2	11	29-1/2	48-3/32
7-2	5-3/32	35-1/2	11	29-1/2	50-3/32
7-4	5-3/32	37-1/2	11	29-1/2	52-3/32
7-6	5-3/32	39-1/2	11	29-1/2	54-3/32
7-8	5-3/32	41-1/2	11	29-1/2	56-3/32
7-10	5-3/32	43-1/2	11	29-1/2	58-3/32
8-0	5-3/32	45-1/2	11	29-1/2	60-3/32
8-2	5-3/32	47-1/2	11	29-1/2	62-3/32
8-4	5-3/32	49-1/2	11	29-1/2	64-3/32
8-6	5-3/32	51-1/2	11	29-1/2	66-3/32
8-8	5-3/32	53-1/2	11	29-1/2	68-3/32
8-10	5-3/32	55-1/2	11	29-1/2	70-3/32
9-0	5-3/32	57-1/2	11	29-1/2	72-3/32
9-4	5-3/32	61-1/2	11	29-1/2	76-3/32
9-8	5-3/32	65-1/2	11	29-1/2	80-3/32
10-0	5-3/32	69-1/2	11	29-1/2	84-3/32

+ Frame Heights are 3/16" longer than call
 out door height unless ordered net.
 (3/32" top, 3/32" bottom for clearance).



Handing Information
 To establish handing always **Push**
 the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

Prefit Specifications

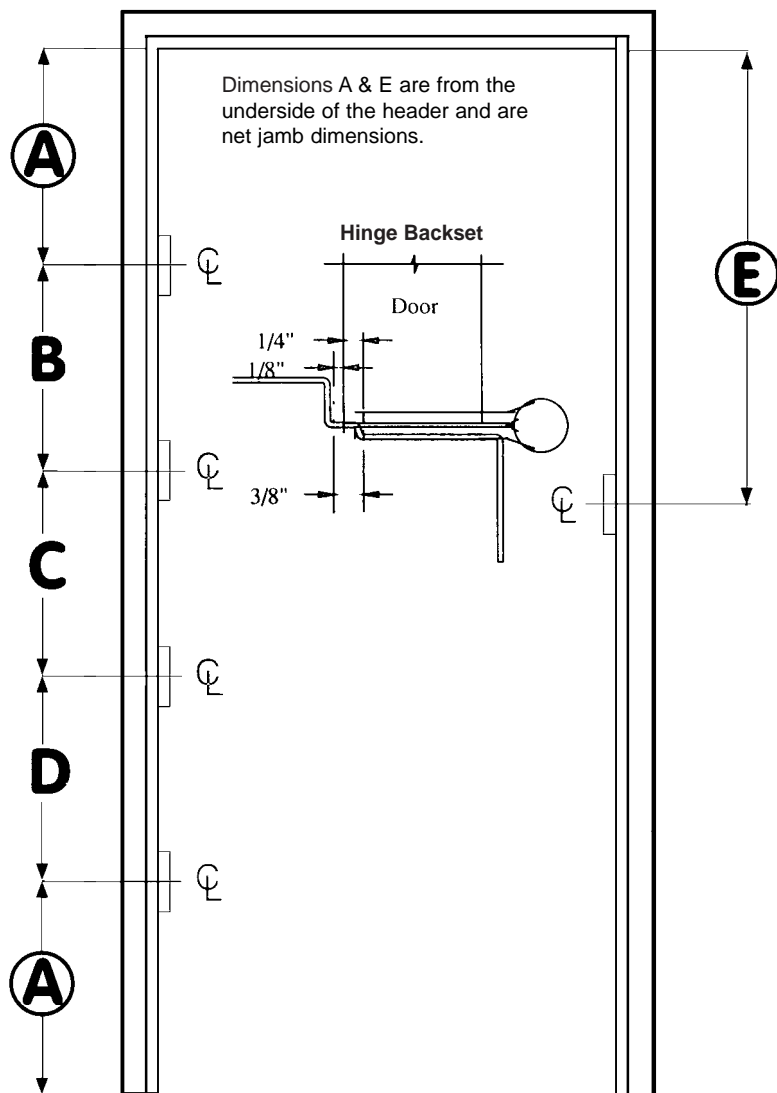
Dutch Frame Hinge and Strike Locations

1 3/4" Dutch with 4 Each 4 1/2" Hinges

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Effective March 2007

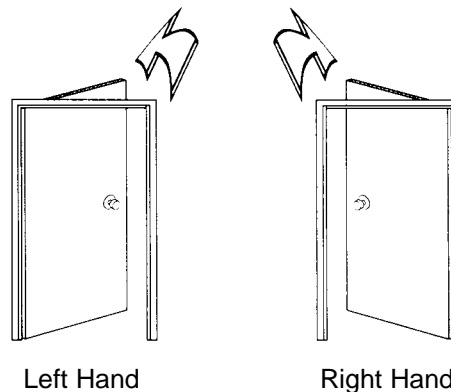
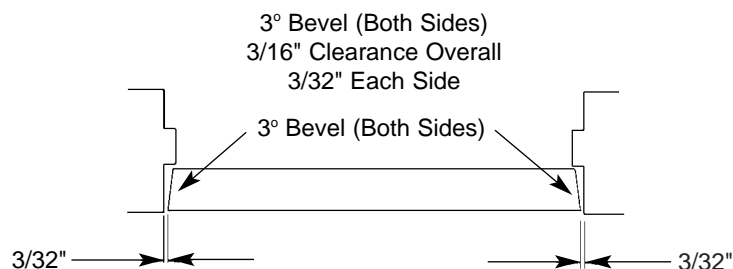
NOTE: When using this chart for premachining door measurements,
 reduce the A & E dimensions 3/32" each for door clearance.



Net Frame Dimensions

+ HEIGHT	A	B	C	D	E
6-0	5-11/32	21	11-1/2	29	36-3/32
6-8	5-11/32	29	11-1/2	29	44-3/32
6-9	5-11/32	30	11-1/2	29	45-3/32
6-10	5-11/32	31	11-1/2	29	46-3/32
7-0	5-11/32	33	11-1/2	29	48-3/32
7-2	5-11/32	35	11-1/2	29	50-3/32
7-4	5-11/32	37	11-1/2	29	52-3/32
7-6	5-11/32	39	11-1/2	29	54-3/32
7-8	5-11/32	41	11-1/2	29	56-3/32
7-10	5-11/32	43	11-1/2	29	58-3/32
8-0	5-11/32	45	11-1/2	29	60-3/32
8-2	5-11/32	47	11-1/2	29	62-3/32
8-4	5-11/32	49	11-1/2	29	64-3/32
8-6	5-11/32	51	11-1/2	29	66-3/32
8-8	5-11/32	53	11-1/2	29	68-3/32
8-10	5-11/32	55	11-1/2	29	70-3/32
9-0	5-11/32	57	11-1/2	29	72-3/32
9-4	5-11/32	61	11-1/2	29	76-3/32
9-8	5-11/32	65	11-1/2	29	80-3/32
10-0	5-11/32	69	11-1/2	29	84-3/32

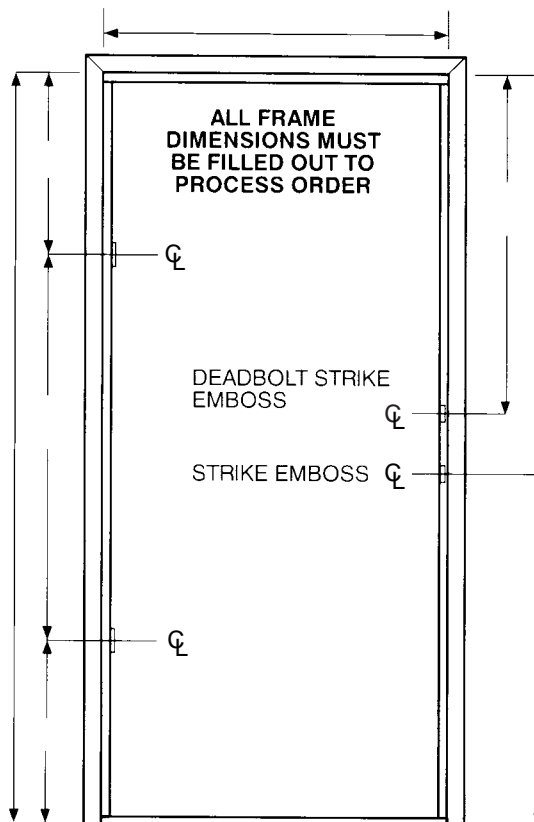
+ Frame Heights are 3/16" longer than call
 out door height unless ordered net.
 (3/32" top, 3/32" bottom for clearance).



Handing Information
 To establish handing always **Push**
 the door away from you.

FOR SPECIFICATIONS NOT SHOWN, PLEASE CONSULT OFFICE.

FOR USE WITH _____ DOOR FRAME



Add All Dimensions
 Above and Enter the
 Total Net Frame Height _____

FRAME ORDERING INFORMATION

1. FRAME WIDTH NET _____

2. FRAME HEIGHT NET _____

3. WALL THICKNESS _____

4. HINGE PREP _____

5. STRIKE OPTIONS

a. 2-3/4" T Strike _____

b. Deadbolt Strike _____ (Cnt to Cnt)

c. 4-7/8" ASA Strike _____

6. FIRE RATING _____ (specify rating)

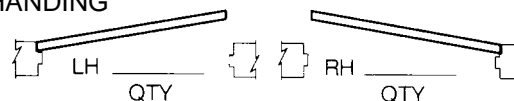
7. FINISH

a. Western White _____

b. Browntone _____

c. (Specify) _____

8. HANDING



9. PACKAGE TO INCLUDE:
 DEADBOLT STRIKE
 FINISH

☐ Yes ☐ No

TA-50 GASKET
 FINISH

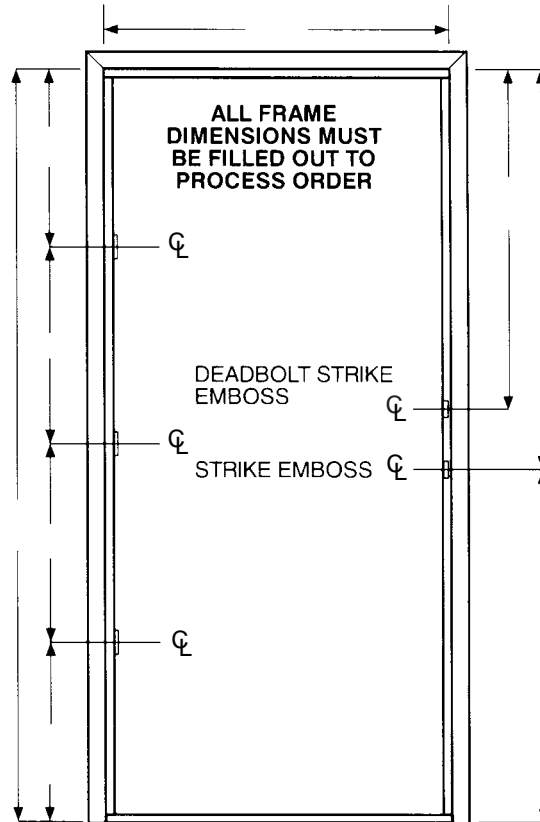
☐ Yes ☐ No

THRESHOLD PREP (*Adjustable Frames Only*)

Notching required ☐ Yes ☐ No
 (*consult factory for type*)

Spec written by
 and approved _____

FOR USE WITH _____ **DOOR** _____ **FRAME** _____

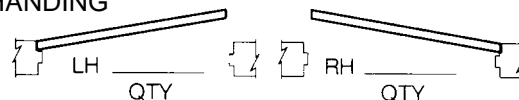


Add All Dimensions
Above and Enter the
Total Net Frame Height _____

FRAME ORDERING INFORMATION

1. FRAME WIDTH NET _____
2. FRAME HEIGHT NET _____
3. WALL THICKNESS _____
4. HINGE PREP _____
5. STRIKE OPTIONS
 - a. 2-3/4" T Strike _____
 - b. Deadbolt Strike _____ (Cnt to Cnt)
 - c. 4-7/8" ASA Strike _____
6. FIRE RATING _____ (specify rating)
7. FINISH
 - a. Western White _____
 - b. Browntone _____
 - c. (Specify) _____

8. HANDING



**9. PACKAGE TO INCLUDE:
DEADBOLT STRIKE
FINISH**

☐ Yes ☐ No

**TA-50 GASKET
FINISH**

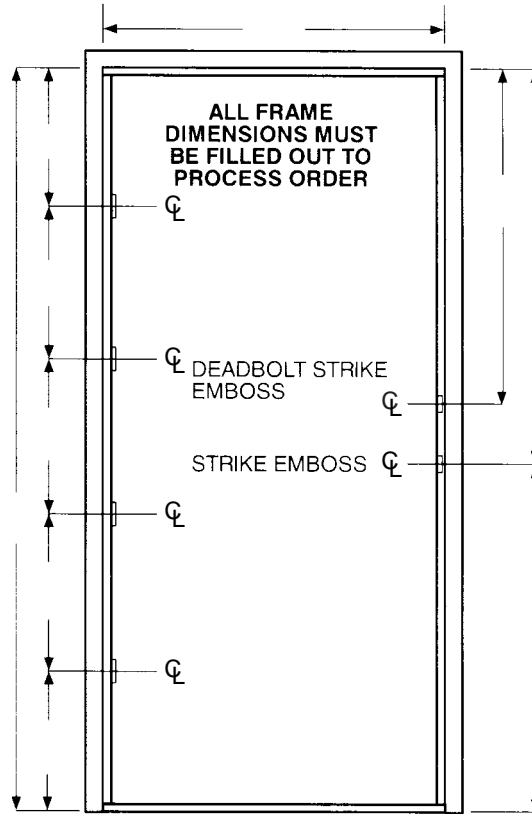
☐ Yes ☐ No

THRESHOLD PREP (*Adjustable Frames Only*)

Notching required ☐ Yes ☐ No
 (*consult factory for type*)

Spec written by _____
 and approved _____

FOR USE WITH _____ DOOR FRAME



Add All Dimensions
 Above and Enter the
 Total Net Frame Height _____

FRAME ORDERING INFORMATION

1. FRAME WIDTH NET _____

2. FRAME HEIGHT NET _____

3. WALL THICKNESS _____

4. HINGE PREP _____

5. STRIKE OPTIONS

a. 2-3/4" T Strike _____

b. Deadbolt Strike _____ (Cnt to Cnt)

c. 4-7/8" ASA Strike _____

6. FIRE RATING _____ (specify rating)

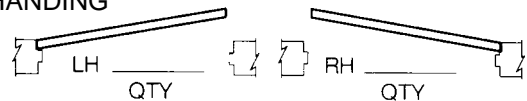
7. FINISH

a. Western White _____

b. Browntone _____

c. (Specify) _____

8. HANDING



9. PACKAGE TO INCLUDE:

DEADBOLT STRIKE ☐ Yes ☐ No
 FINISH _____

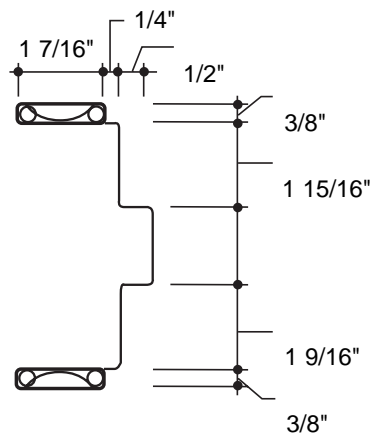
TA-50 GASKET ☐ Yes ☐ No
 FINISH _____

THRESHOLD PREP (*Adjustable Frames Only*)

Notching required ☐ Yes ☐ No
 (*consult factory for type*)

Spec written by _____
 and approved _____

CRITICAL DIMENSIONS



STANDARD SPECIFICATIONS

Available Gauges

20 GA
18 GA

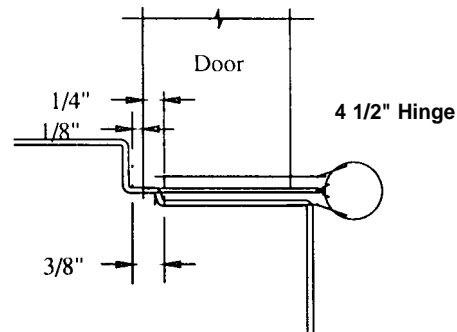
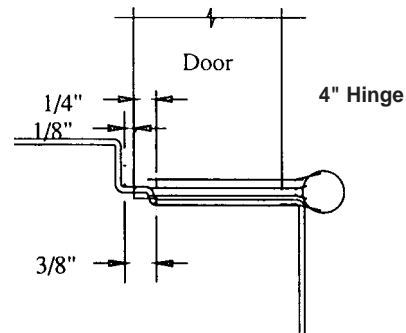
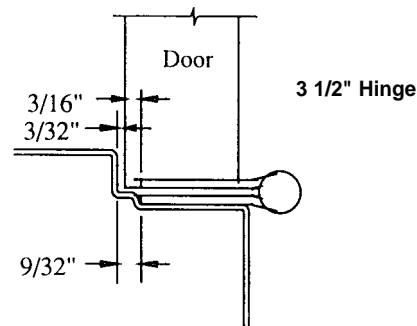
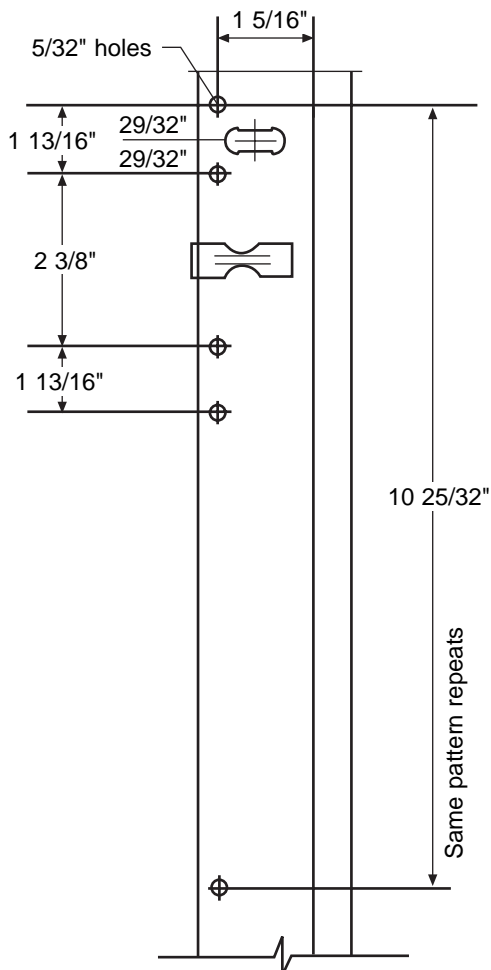
Paint Thickness

Standard Roll Coat	.7 mil
Power Coat	1.5 mil
Electro-Static (Post)	2.0 mil

Emboss Depths

2 $\frac{3}{4}"$ T-Strike	.093
2 $\frac{3}{4}"$ Deadbolt Strike	.093
4 $\frac{7}{8}"$ ASA Strike	.093
3 $\frac{1}{2}"$ Hinge	.100
4" Hinge	.120 - .125
4 $\frac{1}{2}"$ Hinge	.135 - .140

HINGE BACKSETS



TIMELY
TECHNICAL REFERENCE

PAGE: TT-9

DATE: 04/11/94

SINGLE SWING FRAMES

	Maximum Opening Size		Wall Size		Frame Series
	Width	Height	Min.	Max.	
* 20 Min.	4/0	10/0	3 3/8"	13"	C
45 Min. 'C' Label	4/0	9/0	3 3/8"	13"	SCA** E
90 Min. 'B' Label	4/0	9/0	3 3/8"	13"	SCA** E

* Negative pressure only.

** Maximum opening for adjustables 4/0 x 8/0

FULL BOUND WITH DOOR

	Maximum Opening Size		Wall Size		Frame Series
	Width	Height	Min.	Max.	
45 Min. 'C' Label	4/0	5/0	3 3/4"	13"	SCE
90 Min. 'B' Label	4/0	5/0	3 3/4"	13"	C

PAIR FRAMES

	Maximum Opening Size		Wall Size		Frame Series
	Width	Height	Min.	Max.	
20 Min.	For 20 Min. Pair, use C Label Requirements.				
45 Min. 'C' Label	8/0	9/0†	3 3/8"	13"	SCE
90 Min. 'B' Label	8/0	9/0†	3 3/8"	13"	SCE

NOTES: † Openings over 6/0 wide to 8/0 wide are limited to 8/0 height.

ADJUSTABLE PAIR FRAMES

	Maximum Opening Size		Wall Size		Frame Series
	Width	Height	Min.	Max.	
45 Min. 'C' Label	8/0	8/0	3 3/4"	9 1/8"	A
90 Min. 'B' Label	8/0	8/0	3 3/4"	9 1/8"	A

SIDELITE, BORROWED LITE AND GLAZED TRANSOMS "S" or "C" GAUGE

Wood casing permitted on sidelites or borrowed lites for 20 Min. without vertical or horizontal mullions in glass area.

Glass Stop Size	Rating	Max Assembly Size 10'1" W x 10'1" H		Wall Size		Max Glass Area
		Width	Height	Min.	Max.	
1/2"	45 Min.	24"	107"	3 3/8"	13"	*2568 Sq. In.
**1/2"	45 Min.	36"	54"	3 3/8"	13"	1296 Sq. In.
No Stop						
3/4"	45 Min.	36"	54"	3 3/8"	13"	1296 Sq. In.
Glass Stop Size	Rating	Max Assembly Size		Wall Size		Max Glass Area
		Mullions Not Permitted				
		Width	Height	Min.	Max.	
1/2"	20 Min.	36"	36"	3 3/8"	13"	1296 Sq. In.
***1/2"	†60 Min.	36"	36"	3 3/8"	13"	1296 Sq. In.

† 60 min. negative pressure

Do not exceed maximum assembly size.

* Most building codes limit glass area to 1,296 sq. in. Do not exceed 1,296 sq. in. without verifying with local code authorities prior to specifying or ordering.

** Must be caulked using 100% Pure Silicone Sealant.

*** Must use Firelite glazing and install in a 5/8" wide glazing recess with 100% Pure Silicone Sealant.

All ratings cover positive or negative pressure except where indicated.

WARNOCK HERSEY INC. LABELING SERVICE

Distributors of Timely Frames may be approved to purchase labels and apply them to frames at their own facility. Warnock Hersey has set guidelines and a fee schedule for this program. Requirements and prices are available from Timely or Warnock Hersey Inc.

GENERAL INFORMATION

All ratings are usable for steel stud, wood stud, or masonry construction (Steel sub-buck).

When using a wood sub-buck in place of Timely's metal insert for masonry construction, drywall must be used on both sides.

Single frames not prepared for strikes must use TA-12 rim panic strike reinforcement.

Fire ratings not approved for deadbolt strike only.

Reinforcements are required when using door closers to maintain fire rating.

Fire ratings not approved for 1 3/8" frames.

All ratings approved for category "A" and "B" doors with category "G" edge sealing.

Solid brass not rated.

	Wall Sizes									
FRAME SIZES	22C	27C	34C	36C	40C	45C	47C	53C	65C	67C
6'8" UPRS only	22.7	24.0	25.9	26.3	26.9	28.4	28.8	30.4	33.1	33.7
2'0" X 6'8"	26.5	28.1	30.1	30.8	31.4	33.1	33.6	35.3	38.5	39.1
2'4" X 6'8"	27.1	28.6	30.7	31.4	32.0	33.7	34.3	36.0	39.3	39.9
2'6" X 6'8"	27.4	28.9	31.0	31.7	32.4	33.8	34.4	36.4	39.7	40.3
2'8" X 6'8"	27.6	29.2	31.3	32.0	32.7	34.2	35.0	36.7	40.0	40.7
3'0" X 6'8"	28.1	29.7	31.9	32.5	33.2	35.0	35.5	37.3	40.7	41.4
3'6" X 6'8"	28.9	30.5	32.8	33.5	34.2	36.0	36.6	38.4	41.9	42.6
ADD FOR 7'0"	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.4	1.4
ADD FOR 8'0"	4.0	4.3	4.5	4.6	4.7	5.0	5.1	5.3	5.9	6.0
ADD FOR 9'0"	5.0	5.3	5.6	5.7	5.8	6.2	6.3	6.6	7.3	7.4
DOOR PAIRS	22C	27C	34C	36C	40C	45C	47C	53C	65C	67C
4'0" X 6'8"	30.1	31.8	34.1	34.8	35.5	37.4	38.0	39.8	43.5	44.2
5'0" X 6'8"	31.6	33.4	35.8	36.6	37.3	39.3	39.9	41.9	45.7	46.5
5'4" X 6'8"	32.2	34.0	36.4	37.2	38.0	40.0	40.6	42.6	46.5	47.3
6'0" X 6'8"	33.1	35.1	37.5	38.3	39.1	41.2	41.9	43.9	44.9	48.1
ADD FOR 7'0"	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.4	1.4
ADD FOR 8'0"	4.0	4.3	4.5	4.6	4.7	5.0	5.1	5.3	5.9	6.0
ADD FOR 9'0"	5.0	5.3	5.6	5.7	5.8	6.2	6.3	6.6	7.3	7.4
HEADERS	22C	27C	34C	36C	40C	45C	47C	53C	65C	67C
2'0"	3.9	4.1	4.3	4.4	4.5	4.7	4.8	4.9	5.3	5.9
2'4"	4.3	4.6	4.8	4.9	5.0	5.2	5.3	5.5	6.0	6.1
2'6"	4.6	4.9	5.1	5.2	5.3	5.6	5.7	5.9	6.4	6.5
2'8"	4.9	5.2	5.4	5.5	5.6	5.9	6.0	6.2	6.8	6.9
3'0"	5.4	5.7	6.0	6.2	6.3	6.6	6.7	6.9	7.6	7.7
3'6"	6.1	6.5	6.8	7.0	7.1	7.5	7.6	7.9	8.6	8.8
4'0"	7.3	7.7	8.1	8.2	8.4	8.8	8.9	9.3	10.1	10.3
5'0"	8.8	9.3	9.8	10.0	10.2	10.7	10.9	11.3	12.4	12.6
5'4"	9.2	9.8	10.3	10.5	10.7	11.3	11.4	11.9	13.0	13.3
6'0"	10.3	10.9	11.5	11.8	12.0	12.6	12.8	13.3	14.6	14.8
STICK	22C	27C	34C	36C	40C	45C	47C	53C	65C	67C
PC 10'1" 000	17.6	18.6	19.6	20.0	20.4	21.4	21.8	22.6	24.8	25.2
PC 10'1" INSERT	13.12	13.12	15.12	15.52	15.56	16.92	17.32	18.12	20.32	20.72
PC 12'1" 000	20.6	21.8	23.0	23.6	24.0	25.2	25.6	26.6	29.2	29.6

Wall Sizes

FRAME SIZES	5-1/2C	5-7/8C	6C	6-1/4C	7-1/8C	7-1/2C
6'8" UPRS ONLY	30.3	31.3	31.5	32.1	34.3	35.3
2'0" X 6'8"	35.4	36.4	36.8	37.4	39.8	40.8
2'4" X 6'8"	36.2	37.2	37.5	38.2	40.6	41.6
2'6" X 6'8"	36.3	37.3	37.7	38.3	40.7	41.7
2'8" X 6'8"	36.9	37.9	38.3	39.0	41.4	42.4
3'0" X 6'8"	37.5	38.6	38.9	39.6	42.1	43.2
3'6" X 6'8"	38.6	39.7	40.1	40.8	43.3	44.4
ADD FOR 7'0"	1.1	1.2	1.2	1.3	1.4	1.5
ADD FOR 8'0"	4.8	5.1	5.2	5.5	6.2	6.5
ADD FOR 9'0"	5.9	6.3	6.4	6.8	7.6	8.0

DOOR PAIRS	5-1/2C	5-7/8C	6C	6-1/4C	7-1/8C	7-1/2C
4'0" X 6'8"	40.7	41.2	41.6	42.3	45.0	46.1
5'0" X 6'8"	42.2	43.3	43.4	44.5	47.2	48.5
5'4" X 6'8"	42.9	43.8	44.5	45.3	48.1	49.3
6'0" X 6'8"	43.6	44.9	45.3	46.1	48.9	50.1
ADD FOR 7'0"	1.1	1.2	1.2	1.3	1.4	1.5
ADD FOR 8'0"	4.8	5.1	5.2	5.5	6.2	6.5
ADD FOR 9'0"	5.9	6.3	6.4	6.8	7.6	8.0

HEADERS	5-1/2C	5-7/8C	6C	6-1/4C	7-1/8C	7-1/2C
2'0"	5.5	5.6	5.7	5.7	6.0	6.1
2'4"	5.9	6.0	6.0	6.1	6.4	6.5
2'6"	6.1	6.2	6.2	6.3	6.6	6.7
2'8"	6.5	6.6	6.6	6.7	7.0	7.1
3'0"	7.2	7.3	7.4	7.5	7.8	7.9
3'6"	8.2	8.4	8.4	8.5	8.9	9.1
4'0"	9.6	9.8	9.8	10.0	10.4	10.6
5'0"	11.6	11.9	12.0	12.1	12.8	13.1
5'4"	12.3	12.5	12.6	12.8	13.5	13.8
6'0"	13.7	14.0	14.01	14.3	15.0	15.3

STICK	5-1/2C	5-7/8C	6C	6-1/4C	7-1/8C	7-1/2C
PC 10'1" 000	25.5	26.3	26.5	27.0	28.9	29.7
PC 10'1" INSERT	20.1	20.9	21.6	21.7	23.5	24.3
PC 12'1" 000	27.4	28.0	28.02	28.6	30.0	30.6

Wall Sizes						
FRAME SIZES	7-7/8C	8-1/8C	8-1/2C	9C	10C	12-1/2C
6'8" UPRS ONLY	36.1	36.7	37.7	38.9	41.3	47.5
2'0" X 6'8"	41.8	42.4	43.5	44.8	47.4	54.1
2'4" X 6'8"	42.6	43.3	44.3	45.7	48.4	55.2
2'6" X 6'8"	42.8	43.4	44.5	45.8	48.6	55.4
2'8" X 6'8"	43.5	44.2	45.2	46.6	49.4	56.3
3'0" X 6'8"	44.2	44.9	46.0	47.4	50.2	57.3
3'6" X 6'8"	45.5	46.2	47.3	48.8	51.6	58.9
ADD FOR 7'0"	1.6	1.7	1.7	1.8	2.0	2.5
ADD FOR 8'0"	6.9	7.1	7.4	7.9	8.7	10.9
ADD FOR 9'0"	8.5	8.8	9.1	9.7	10.7	13.4
DOOR PAIRS	7-7/8C	8-1/8C	8-1/2C	9C	10C	12-1/2C
4'0" X 6'8"	47.2	47.8	49.1	50.6	53.6	61.6
5'0" X 6'8"	49.7	50.5	51.6	53.2	56.4	64.3
5'4" X 6'8"	50.5	51.3	52.5	54.1	57.3	65.3
6'0" X 6'8"	51.3	52.1	53.4	55.0	58.2	66.3
ADD FOR 7'0"	1.6	1.7	1.7	1.8	2.0	2.5
ADD FOR 8'0"	6.9	7.1	7.4	7.9	8.7	10.9
ADD FOR 9'0"	8.5	8.8	9.1	9.7	10.7	13.4
HEADERS	7-7/8C	8-1/8C	8-1/2C	9C	10C	12-1/2C
2'0"	6.2	6.2	6.3	6.5	6.8	7.4
2'4"	6.6	6.6	6.7	6.8	7.2	7.9
2'6"	6.7	6.9	7.0	7.1	7.4	8.2
2'8"	7.2	7.3	7.4	7.6	7.9	8.7
3'0"	8.1	8.2	8.3	8.5	8.9	9.8
3'6"	9.2	9.4	9.5	9.7	10.2	11.2
4'0"	10.9	11.0	11.2	11.5	12.0	13.4
5'0"	13.3	13.5	13.8	14.1	14.9	16.7
5'4"	14.7	14.3	14.5	14.9	15.7	17.6
6'0"	15.6	15.8	16.2	16.6	17.4	19.5
STICK	7-7/8C	8-1/8C	8-1/2C	9C	10C	12-1/2C
PC 10'1" 000	30.5	31.0	31.8	32.9	35.0	40.2
PC 10'1" INSERT	25.1	25.6	26.4	27.5	29.6	34.9
PC 12'1" 000	31.2	31.6	32.4	33.2	34.8	39.0

Wall Sizes

FRAME SIZES	22S	27S	34S	36S	40S	45S	47S	53S
6'8" UPRS ONLY	19.4	20.4	21.4	21.9	22.3	23.3	23.7	24.7
2'0" X 6'8"	22.6	23.7	25.0	25.4	25.9	27.0	27.4	28.4
2'4" X 6'8"	23.1	24.2	25.4	25.9	26.4	27.5	28.0	29.0
2'6" X 6'8"	23.3	24.5	25.7	26.2	26.7	27.8	28.2	29.3
2'8" X 6'8"	23.5	24.7	26.0	26.4	26.9	28.1	28.5	29.6
3'0" X 6'8"	23.9	25.1	26.3	26.9	27.4	28.5	29.0	30.1
3'6" X 6'8"	24.6	25.8	27.1	27.4	28.2	29.4	29.8	30.9
ADD FOR 7'0"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ADD FOR 8'0"	3.3	3.5	3.7	3.8	3.9	4.1	4.2	4.3
ADD FOR 9'0"	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.3
DOOR PAIRS	22S	27S	34S	36S	40S	45S	47S	53S
4'0" X 6'8"	25.9	26.9	28.1	28.8	29.3	30.6	31.0	32.2
5'0" X 6'8"	26.9	28.3	29.7	30.3	30.8	32.1	32.6	33.9
5'4" X 6'8"	27.4	28.8	30.2	30.8	32.3	32.7	33.2	34.4
6'0" X 6'8"	28.2	29.6	31.1	31.7	33.0	33.7	34.2	35.5
ADD FOR 7'0"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ADD FOR 8'0"	3.3	3.5	3.7	3.8	3.9	4.1	4.2	4.3
ADD FOR 9'0"	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.3
HEADERS	22S	27S	34S	36S	40S	45S	47S	53S
2'0"	3.2	3.3	3.5	3.6	3.7	3.8	3.9	4.0
2'4"	3.5	3.7	3.9	4.0	4.1	4.2	4.3	4.4
2'6"	3.8	4.0	4.2	4.3	4.4	4.5	4.6	4.7
2'8"	4.0	4.2	4.4	4.5	4.6	4.7	4.8	4.9
3'0"	4.5	4.7	4.9	5.0	5.1	5.2	5.3	5.4
3'6"	5.0	5.3	5.6	5.7	5.8	5.9	6.0	6.1
4'0"	5.7	6.0	6.3	6.5	6.6	6.7	6.8	6.9
5'0"	7.0	7.4	7.8	7.9	8.0	8.4	8.6	8.7
5'4"	7.4	7.8	8.2	8.3	8.4	8.9	9.0	9.4
6'0"	8.3	9.2	9.4	9.5	9.6	10.0	10.01	10.5
STICK	22S	27S	34S	36S	40S	45S	47S	53S
PC 10'1" 000	14.0	14.8	15.6	15.8	16.0	16.8	17.2	17.4
PC 12'1" 000	16.6	18.4	18.8	19.0	19.2	20.0	20.2	21.0

HEADER & UPRIGHT ONLY

HEADER				NAIL HOLES & OVAL SLOTS		
	WITH CASING					
<u>SIZE</u>	<u>54A</u>	<u>73A</u>	<u>91A</u>	<u>54A</u>	<u>73A</u>	<u>91A</u>
1-0	3.90	4.13	4.36	3.14	3.37	3.60
1-6	4.86	5.20	5.54	3.88	4.22	4.56
1-8	5.19	5.57	5.95	4.13	4.51	4.89
2-0	5.83	6.28	6.73	4.61	5.06	5.51
2-4	6.49	7.02	7.55	5.11	5.64	6.17
2-6	6.81	7.38	7.95	5.35	5.92	6.49
2-8	7.14	7.75	8.36	5.60	6.21	6.82
2-10	7.46	8.10	8.74	5.84	6.48	7.12
3-0	7.79	8.47	9.15	6.09	6.77	7.45
3-6	8.77	9.56	10.35	6.83	7.62	8.41
4-0	10.02	10.93	11.84	7.86	8.77	9.68
4-6	10.99	12.01	13.03	8.59	9.61	10.63
5-0	11.97	13.11	14.25	9.33	10.47	11.61
5-6	12.96	14.21	15.46	10.08	11.33	12.58
6-0	13.93	15.29	16.65	10.81	12.17	13.53

UPRIGHT				NAIL HOLES & OVAL SLOTS		
	WITH CASING					
<u>SIZE</u>	<u>54A</u>	<u>73A</u>	<u>91A</u>	<u>54A</u>	<u>73A</u>	<u>91A</u>
6-7	29.29	32.27	35.25	20.81	23.79	26.77
6-8	29.59	32.61	35.63	21.03	24.05	27.07
6-9	29.91	32.97	36.03	21.27	24.33	27.39
7-0	30.79	33.97	37.15	21.95	25.13	28.31
7-10	34.62	38.18	41.74	24.22	27.78	31.34
8-0	35.24	38.86	42.48	24.68	28.30	31.92

COMPLETE FRAME SIZES

FRAME <u>SIZE</u>	<u>54A</u>	<u>73A</u>	<u>91A</u>
2-0 X 6-8	35.42	38.89	42.36
2-4 X 6-8	36.08	39.63	43.18
2-6 X 6-8	36.40	39.99	43.58
2-8 X 6-8	36.73	40.36	43.99
3-0 X 6-8	37.38	41.08	44.78
3-6 X 6-8	38.36	42.17	45.98
4-0 X 6-8	39.61	43.54	47.47
5-0 X 6-8	41.56	45.72	49.88
6-0 X 6-8	43.52	47.90	52.28
ADD FOR — 7-0	1.20	1.36	1.52
ADD FOR — 8-0	5.75	6.25	6.75

**DOOR SIDE
ONLY**

HEADER

<u>SIZE</u>	<u>WEIGHT</u>
1-0	2.79
1-6	3.40
1-8	3.61
2-0	4.02
2-4	4.44
2-6	4.64
2-8	4.85
2-10	5.05
3-0	5.26
3-6	5.88
4-0	6.66
4-6	7.27
5-0	7.89
5-6	8.52
6-0	9.13

UPRIGHT

<u>SIZE</u>	<u>WEIGHT</u>
6-7	10.28
6-8	10.38
6-9	10.49
7-0	10.79
7-10	12.01
8-0	12.22

**CLOSURE SIDE
ONLY**

HEADER

<u>SIZE</u>	<u>1 7/8"</u>	<u>3 3/4"</u>	<u>5 1/2"</u>
1-0	2.59	2.82	3.05
1-6	3.06	3.40	3.74
1-8	3.22	3.60	3.98
2-0	3.53	3.98	4.43
2-4	3.85	4.38	4.91
2-6	4.00	4.57	5.14
2-8	4.16	4.77	5.38
2-10	4.32	4.96	5.60
3-0	4.48	5.16	5.84
3-6	4.96	5.75	6.54
4-0	5.55	6.46	7.37
4-6	6.02	7.04	8.06
5-0	6.98	8.23	9.48
6-0	7.45	8.81	10.17

UPRIGHT

<u>SIZE</u>	<u>1 7/8"</u>	<u>3 3/4"</u>	<u>5 1/2"</u>
6-7	8.55	10.04	11.53
6-8	8.63	10.14	11.65
6-9	8.71	10.24	11.77
7-0	8.94	10.53	12.12
7-10	9.92	11.70	13.48
8-0	10.08	11.89	13.70

-TIMELY ACCESSORIES

Part No.			Weight
TA-1	Adjustable Strike (includes silencers and screws)		.08 ea.
TA-2	Strike Filler Plate - Includes Screws		.05 ea.
TA-3	Deadbolt Strike - Includes Screws		.04 ea.
TA-4	Storage Hasp - Zinc Plated (includes 1 pr. with screws)		.20 pr.
TA-5	Silencer - Polyurethane		.005 ea.
TA-6	Casing Corner Piece -4 per pkg. (used with TA-8)		.20 pkg.
TA-7	Casing Clip -	See TA-18	
TA-8	1 7/16" Steel Casing -	See pg. W-10	
TA-9	Touch-Up Paint (12 per case)		.75 can 13.0 case
TA-10	Closer Reinforcement Bracket		.20 ea.
TA-11	14 ga. Hinge Reinforcement Bracket	3 1/2"	.12 ea.
		4"	.14 ea.
		4 1/2"	.18 ea.
TA-12	Parallel Arm Closer Reinforcement Bracket		.50 ea.
TA-13	Sample Package		3.5 ea.
TA-13A	Adjustable Frame Sample		5.5 ea.
TA-13C	Corner Sample		4.5 ea.
TA-13M	Mullion T-Section Sample		6.0 ea.
TA-13SC	Salesman's Sample Case		21.0 ea.
TA-13T	Table Top Display (47 wall only)		25.0 ea.
TA-14	1/2" Glass Stop - 10'1" Lengths with Screws (12 per carton)		2.46 pc. 29.50 carton
TA-14	1/2" Glass Stop - 12'1" Lengths with Screws (12 per carton)		3.0 pc. 36.0 carton
TA-14F	3/4" Glass Stop - 10'1" Lengths with Screws (6 per carton)		3.42 pc. 20.50 carton
TA-14F	3/4" Glass Stop - 12'1" Lengths with Screws (6 per carton)		3.72 pc. 22.32 carton
TA-15N	Mullion Bracket (One set per pkg. Requires 1 pkg. per end)		.19 pkg.

TIMELY ACCESSORIES

Part No.		Weight
TA-15A	Adjustable Mullion Bracket (one set per pkg. Requires 1 pkg. per end)	.20 pkg.
TA-15F	Floor Anchor Bracket	.08 ea.
TA-16	Header Template	.11 ea.
TA-17	Deadbolt Strike Filler Plate (includes plate and screws)	.05 ea.
TA-18	Casing Retainer Clip (pkg. of eleven and includes screws)	.20 pkg.
TA-19	Glass Stop Screws 6 x 1" Tek (72 per pkg. for 1/2" stop)	.01 pkg.
TA-19F	Glass Stop Screws 6 x 1 1/4" Tek (72 per pkg. for 3/4" stop)	.01 pkg.
TA-20	Strike Screws - 8 - 32 x 3/8" Self Tapping	.20 pkg.
TA-23	1 17/32" Aluminum Casing -	See pg. W-10
TA-24	Corner Piece for Aluminum Casing	.05 ea.
TA-25	Multipurpose Hardware Reinforcement	1.0 ea.
TA-27	Header Alignment Tab	.01 ea.
TA-28	1 25/32" Aluminum Casing -	See pg. W-10
TA-29FT	Factory Tour Video	1.0 ea.
TA-29PT	PEC Performance Test Video	1.0 ea.
TA-29HP	Hydro-Press Video	1.0 ea.
TA-29SI	Installation - Standard Frame Video	1.0 ea.
TA-29AI	Installation - Adjustable Frame Video	1.0 ea.
TA-29IS	Installation - Sidelite Video	1.0 ea.
TA-29MV	M.O.D. - Manually Operated Die Video	1.0 ea.
TA-30	1 3/4" Colonial Steel Casing -	See pg. W-10
TA-31N	Casing Corner Piece- (used with TA-30) (4 per pkg)	.05 ea.
TA-35	1 15/16" Colonial PVC Casing -	See pg. W-10
TA-35A & B	PVC Casing Corner Drill Fixture	3.0 ea.
TA-40	Reversible Flushbolt Strike (includes screws)	.08 ea.
TA-41	Glass Stop Dimpler Tool	.014 ea.
TA-42	Reversible Flushbolt Filler Plate (includes screws)	.05 ea.
TA-50	Intumescent Gasket	18-0 Set .20 set
TA-51	Silicon Gasket	17-0 Set .5 set 20-0 Set .6 set 515-0 Roll 7.5 roll
TA-60	#8 x 1/2" Phil. Head Tek screw (mullions and bracket assembly, 100 net per pkg.)	.25 pkg.
TA-68	#7 x 1 5/8" Phil. Trim Head needlepoint screw (used with TA-35 Trim, pkg. of 4)	.005 pkg
TA-69	6 x 1/2" pancake head sharppoint black screw (pkg. of 40) requires 2 per foot	.15 pkg.

TIMELY ACCESSORIES

Part No.	TA-8	TA-23	TA-28	TA-30	TA-35
<u>Size</u>					
1/0	.23	.16	.21	.32	.25
2/0	.45	.32	.42	.64	.50
2/4	.53	.37	.49	.75	.58
2/6	.56	.40	.52	.80	.62
2/8	.60	.42	.56	.85	.67
2/10	.64	.45	.59	.91	.71
3/0	.68	.48	.63	.96	.75
3/6	.78	.56	.73	1.12	.87
4/0	.90	.64	.84	1.28	1.00
5/0	1.12	.79	1.05	1.60	1.25
5/4	1.23	.85	1.11	1.71	1.33
6/0	1.35	.95	1.25	1.92	1.50
6/8	1.50	1.07	1.39	2.13	1.67
7/0	1.57	1.11	1.46	2.24	1.75
8/0	1.79	1.27	1.67	2.56	2.00
9/0	2.02	1.43	1.88	2.88	2.25
10/0	2.24	1.59	2.09	3.20	2.50

TA-26	Free Standing Hydro Press Includes: 1 ea. Allen Wrench Set 1 ea. 7/32" Ball Driver 4 ea. 3/8" - 16" x 1" Button Head Bolts 2 ea. 3/8" - 16" x 2 1/2" Button Head Bolts 1 ea. TA-29HP Hydro Press Video Tape 1 ea. Instruction Manual	408.0
TA-26A	ASA Embossing Die (For 1 3/4" Side Only)	138.0
TA-26B	2 3/4" T Strike Emboss Die (For 1 3/4" Side Only)	131.0
TA-26C	Deadbolt Emboss Die (For 1 3/4" Side Only)	132.0
TA-26D	4" Hinge Emboss Die	132.0
TA-26E	4 1/2" Hinge Emboss Die	137.0
TA-26F	Die Storage Table 16" W x 48" L x 35" H	76.0
TA-26G	1 ea. 56" Bar Stop (Optional) To be attached to any of the above dies to preset emboss locations and includes: 1 ea. 15" Front Plate 1 ea. Adjustable Stop with 1 ea. 3/8" x 16" x 1" Cap Screw 1 ea. Mounting Bracket with 2 ea. 5/16" - 18" x 3/4" Cap Screws and 1 ea. 5/16" - 18" x 5/8" Set Screw	9.0
TA-26K	3 1/2" Hinge Emboss Die	120.0
TA-26L	2 3/4" T Strike Emboss Die (For 1 3/8" Side Only)	125.0
TA-26M	Flushbolt Strike Emboss Die	125.0
TA-26 M.O.D.C.	Self Contained Casing Cut Off Die Includes: 1 ea. Allen Wrench Set 1 ea. Tubular Base with 2 ea. 3/8" - 16" x 2 1/2" Button Head Bolts 1 ea. 120" Adjustable Bar Stop with 1 ea. 5/16" - 18" x 2" Cap Screw and 2 ea. 1/4" - 20" x 1" Flat Head Bolts 1 ea. End of Travel Stop with Instructions 1 ea. TA-26H Clip Removal Tool	187.0
TA-26 M.O.D.N.	Self Contained Notching Die Includes: 1 ea. Allen Wrench Set 1 ea. Mullion Back Stop 1 ea. Notching Die Stand 1 ea. Crimper 1 ea. WISS Header Snips 4 ea. Spacer for Mullion Fabrication 1 ea. TA-29MV M.O.D. Video Tape 1 ea. Red Book Manual 1 ea. Mullion Drill Fixture with 2 ea. Drill Bits	207.0
TA-26 M.O.D.G.	Self Contained Glass Stop Cutter Includes: 1 ea. Removable Handle 1 ea. 96" Bar with Adjustable Stop 1 ea. 3/16" Allen Wrench	34.0
TA-26 M.O.D.S.T.	Self Contained Stop-Trim Die Includes: 1 ea. 3 in 1 Oil 1 ea. Insert Cut Out for 67 wall size 1 ea. Insert Cut Out for 72 wall size 1 ea. Mullion Back Stop 1 ea. 3/16" Allen Wrench	300.0

TA-26H	1 ea. Clip Remover Tool	4.0
TA-26I	Allen Wrench Set	30.0
TA-26J	Coping Die for Steel Trim	15.0
TA-26 MODN-4	Crimper with 1 ea. 3/32" Allen Wrench and 1 ea. 1/8" Allen Wrench	1.0
TA-26 MODN-5	WISS Header Snips	.5
TA-26 MODN-6	Spacer for Mullion Fabrication	.13
TA-26O	Mullion Drill Fixture with 2 ea. Drill Bits	.13

This section includes prefinished, shop fabricated, site assembled steel door frames, fire rated and nonrated types, for exterior and interior applications. This section includes performance, proprietary and descriptive type specifications. Edit to avoid conflicting requirements.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. [Non-rated] [and] [fire rated], shop pre-finished, site assembled steel frames.

1.2 RELATED SECTIONS

- A. Section 01300 - Coordination: Site meetings.
- B. Section 01600 - Product Requirements: [Substitutions,] [delivery and storage requirements].
- C. Section 01700 - Existing Conditions.
- D. Section 08112 - Standard Steel Doors.

Section 08210 - Wood Doors.

In the following paragraph, silencers or weather-stripping can be specified in this section or included in the "hardware " section - edit the following statement accordingly.

- E. Section 08710 - Door Hardware: Hardware, [silencers] [and] [weatherstripping.]

Include the following paragraph only, when glazing will be included in a door or sidelite.

- F. Section 08800 - Glass and Glazing.

1.3 REFERENCES

List reference standards that are included within the text of this section. Edit the following as required for project conditions.

- A. ASTM A1008M - Standard for cold rolled material
- B. UBC 7-2-97, UBC 7-4-97 Positive Pressure
- C. ASTM D2197 - Standard Test Method for Adhesion of Organic Coatings by Scrape Adhesion.
- D. ASTM D2247 - Practice for Testing Water Resistance of Coatings in 100% Relative Humidity.
- E. ASTM D2794 - Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
- F. ASTM D3361 - Standard Practice for Unfiltered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings.
- G. ASTM E152 - Methods of Fire Tests of Door Assemblies.
- H. ASTM B117 - Standard test for salt spray testing .

- I. NFPA 80 - Fire Doors and Windows.
- J. NFPA 252 - 1995 Fire Tests for Door Assemblies.
- K. ITS (WHI) - Fire Tests of Door Assemblies.
- L. UL 10B - Fire Tests of Door Assemblies.
- M. UL 10C - Positive Pressure Fire Tests of Door Assemblies.

1.4 SUBMITTALS FOR REVIEW

Do not request submittals if drawings sufficiently describe the products of this section or if proprietary specifying techniques are used. The following submittals are intended for review and approval or other action by the Consultant. Include product data only if required to supplement shop drawing information.

- A. Section 01300: Submission procedures.
- B. Product Data: Indicate frame configuration and finishes.
- C. Shop Drawings: Indicate frame elevations, reinforcement required, and spacing, location of embosses for hardware, and finish.

Include the following paragraph for submission of physical samples for selection of finish, color, and texture.

- D. Samples: Submit [two] [] standard frame samples, illustrating factory finished frame colors and surface texture.

1.5 SUBMITTALS FOR INFORMATION

The following submittals are informational; responsive action by the Consultant is not required.

- A. Section 01300: Submission procedures.
- B. Manufacturer's Installation Instructions: Indicate special installation instructions.
- C. Manufacturer's Certificate: Certify that [Products] [] meet or exceed [specified requirements] [].

1.6 QUALITY ASSURANCE

- A. Installers:
 - 1. Individuals that are Trained Prefinished Frame Installers for the installation of site assembled door frames.
 - 2. Refer to manufacturer's Internet web site for listing of Trained Installers.

1.7 REGULATORY REQUIREMENTS

One or more of the following standards must be selected as applicable to fire rated doors, as appropriate to authority having jurisdiction.

- A. Fire Rated Frame Construction: Conform to [ASTM E152] [NFPA 252] [UL10B and 10C].
- B. Installed Frame Assembly: Conform to [NFPA 80] [] for fire rated class same as fire door.

1.8 DELIVERY, STORAGE, AND PROTECTION

- A. Section 01600: Transport, handle, store, and protect products in a dry area off the ground.
- B. Accept frames on site in manufacturer's box packaging with identification labels intact. Inspect for damage.
- C. Do not open individual boxes until installation is to begin.

1.9 PROJECT CONDITIONS

- A. Section 01300: Coordination and meetings.
- B. Verify actual measurements/openings by field measurement prior to fabrication.
- C. Coordinate the work with frame opening construction, door and hardware installation.

Include the following paragraph if electronic hardware components are contained within the door and frame construction.

- D. Sequence installation to ensure concealed electric wire connections are achieved in an orderly and expeditious manner.

PART 2 PRODUCTS

2.1 FRAME MANUFACTURERS

In this article, list the manufacturers acceptable for this project. Edit the subsequent descriptive specifications to identify project requirements and to eliminate any conflict with specified manufacturer's products.

- A. Timely Industries, A Division of SDS Industries, Inc., 10241 Norris Avenue, Pacoima, CA, 91331-2292; Phone toll free: 800-247-6242 or local at 818-492-3500; Fax: 818-492-3530. Web site: www.timelyframes.com.
- B. Frames: Provide all frames for project from same manufacturer.
- C. Substitutions: [Refer to Section 01600.] [Not permitted.]

2.2 FRAMES

- A. Frame Material: [Cold rolled steel, for interior frames.] [Cold rolled steel, Electro Galvanized for exterior frames.] [Stainless steel.] [Brass.]

Timely door frame throat openings accommodate up to 330 mm (13 inch) wall thicknesses. Specify the throat opening in the paragraph below, or simply a match to the wall thickness.

- B. Frame Throat Opening: [] [to suit finished wall thickness].
- C. Frame Profile: [Non-rated] [and] [fire rated]:

2. "C" Series, 1.2 mm (18 gauge) thick.
 3. "A" Series, 1.2 mm (18 gauge) thick, adjustable.
 4. "E" Series, 0.9 mm (20 gauge), [Type 304 stainless steel] [Type 430 stainless steel, polished] [solid brass, bright.]
- D. Sidelite Frames: [1.2 mm (18 gauge).] [0.9 mm (20 gauge) thick.]

Select appropriate casing from the list below. Casings may require reference to other sections for more detail. Profiles of casings may be required.

E. Frame Casings:

1. Material: [Steel] [Aluminum] [Stainless steel] [Brass] [PVC] casings with corner alignment clips.
2. Type
 - a. Standard Steel Type: Model TA-8 with 6 mm (1/4 inch) reveal, on [steel] [stainless steel] [brass] frames. Fit factory assembled units with MiterGard corner alignment.
 - b. Colonial Style Steel Type: Model TA-30 with 6 mm (1/4 inch) reveal. With corner alignment clips.
 - c. Aluminum Type: Aluminum, [Model TA-23 with a 6 mm (1/4 inch) reveal.] [Model TA-28, full face.] With corner alignment clips.
 - d. PVC Type: Cellular poly (vinyl chloride), Model TA-35 with 6 mm (1/8 inch) reveal.
 - e. Wood Type: Refer to [Section 06400 - Architectural Woodwork.][Section 06200 - Finish Carpentry.]

2.3 ACCESSORIES

Specify rim panic strike reinforcement for single frames not prepared for strikes.

- A. Reinforcement Bracket for Closer: [Regular arm closer, Model TA-10.] [Parallel arm closer, Model TA-12.] [Multi-purpose application, Model TA-25.]
- B. Reinforcement Brackets for Rim Exit Device: Model TA-12
- C. Reinforcement Brackets for Door Guards: Model TA-10

Specify weatherstripping or silencers in this section or refer to another Section - select the first or second option as described in each paragraph below.

- D. Weatherstripping: [Specified in Section [08710] [_____] [Adhesive backed fire-rated seal, self-extinguishing rubber. Model TA-51, [Black] [Western White] [Browntone] color.]
- E. Silencers: [Specified in Section [08710] [_____] [vinyl], clear stick-on type.]
- F. Glass Stops: Model TA- 14 removable rolled steel, shape, butted ends, countersink style and screws.

G. Fasteners:

- 1 . Interior Frames: Drywall type.
2. Exterior Frames: Drywall type, corrosion resistant coating at exterior frames.
3. Site Applied Wood Trim: Finish type.

2.4 FABRICATION

- A. Openings for [single swing frame] [pair frame] [full bound] [adjustable frame], rated for [_____] [90 minutes.]
- B. Sidelites [and Borrowed Lites] with Steel Trim: [_____] [45 minute fire rated.]
- C. Sidelites [and Borrowed Lites] with [wood trim] [304 Series] [solid brass] frames: Not fire rated.
- D. Casing Clips: Fabricate frames with factory applied heat-treated clips.
- E. Mullions for Double Doors: [Fixed type, of same profiles as jambs.] [Removable type provided by Section 08710.]
- F. Transom Bars: Fixed type same profiles as jamb and head.
- G. Fabricate frames with hinge reinforcement plates secured in place.
- H. Attach fire rated label to each fire-rated frame.
- I. Silencers:
 - 1 . Provide three (3) single silencers for single doors [and mullions of double doors] on strike side.
 2. Provide two (2) single silencers on frame head at double doors without mullions.
- J. Configure exterior frames with special profile to receive recessed weatherstripping.

2.5 FINISH

Edit the following finish types to suit project conditions.

- A. Frame Units: Prefinished with factory applied impact resistant, polyester baked enamel finish.
- B. Frames for Exterior Units: Electro Galvanized Prefinished with factory applied impact resistant, polyester baked enamel finish.
- C. Casing:
 - 1 . Steel: Prefinished with factory applied impact resistant, polyester baked enamel finish.
 2. Aluminum: [Prefinished with factory applied impact resistant, polyester baked enamel finish.] [Clear anodized.]
 3. PVC: Finished to match the frame color.
- D. Primer: Electro Galvanized.

Specify the colors for the project below. Where a variety of colors are used, list them and reference the frame schedule in Part 3. Timely Industries' standard and custom colors are listed separately below.

E. Colors:

1. Standard Colors: [Browntone SC101] [Western White SC107]
2. Standard Colors (Extra Cost): Autumn Brown SC102, Black SC103, Stone Gray SC106, Alumaton SC108.
3. Custom Colors: Navajo White CC104, Winter White CC105, White White CC301, White Smoke CC302, Bone China CC303, Designer White CC304, Charcoal CC401, Cape Cod Gray CC402, Neutral Gray CC403, Nickel CC404, Driftwood CC501, Sandy Beach CC502, Cameo Beige CC503, Cozy Peach CC504, Brown Sugar CC601, Cocoa CC602, Doeskin CC603, Harvest Moon CC604, Cordovan CC701, Ruby Red CC702, Rosedust CC703, Mauve Mist CC704, Pacific Blue CC801, Twilight CC802, Country Blue CC803, Jade CC901, Kentucky Grass CC902, Miami Waters CC903, Malibu Green CC904.
4. Elite Colors: Bright Solid Brass ES201, Bright Plated Brass ES202, Stainless Steel 430 Bright ES204, 304 #4 Brushed Stainless Steel ES206.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01700: Verify acceptability of existing conditions before starting work.
- B. Verify that opening sizes and tolerances are acceptable.

3.2 INSTALLATION

- A. Install frames in accordance with manufacturer's requirements.
- B. Install Prefinished frames near end of the project after completing wall painting and wall coverings.
- C. Install frames using Trained Installers.
- D. Coordinate installation of glass and glazing in glazed units.
- E. Coordinate installation of frames with installation of hardware specified in Section [08710] [_____] and doors in Section [08114.] [08210.] [_____].

3.3 SCHEDULE

Provide schedule when door and frame schedules are not described on drawings. The schedule should identify various types or categories of doors and associated frames, fire ratings if any, hardware set, etc.

End of Section

PRODUCT FEATURES

BASIC USES / RELATED USES

- Custom pre-finished, site assembled steel frames for doors, sidelites and borrowed lites.
- Fire rated and non-rated frames.
- Exterior and interior applications.

PRODUCT ATTRIBUTES AND CHARACTERISTICS

- Frames:
 - Fire rated up to 90 minutes, borrowed lites fire rated up to 60 minutes, and sidelites fire rated up to 45 minutes.
 - Accommodate 35 mm (1-3/8 inch) and 44 mm (1-3/4 inch) doors.
 - Frames will hold a 500 lb door.
 - Frame throat accommodates wall thicknesses: 57 mm up to 330 mm (2-1/4 up to 13 inches).
- Casings: "Snap-lock" design in five profiles.
- Accessories:
 - Adjustable strike with 6 mm (1/4 inch) adjustment.
 - Casing corner connectors, mitered corners for tight fixed positions.
 - MiterGard corner connectors on factory build units using TA-8 casing.
 - Casing clips, individually attached, heat-treated for tight fit to irregularities of wall surface.
- Features:
 - Special fasteners assure a positive tight fit. Tabs correctly align frame sides and header for full-width.
 - Fastener holes pre-punched. Oval alignment slots for visual check of frame spacing and adjustment during installation.
 - Reversible hardware locations, no hinge handing required for 2032 mm (6'-8") or 2134 mm (7'-0") heights.
 - Hinge reinforcement of 2 mm (14 gauge), factory attached plates.
 - Finish: Prefinished with factory applied impact resistant, polyester baked enamel finish.

SELECTION CRITERIA

- Frames:
 - Factory finished, machined for hardware and ready to install as modular units.
 - Versatile and flexible to fit most wall conditions.
 - Fire rated where scheduled.
 - Easy installation with punched holes and snap on casing.
 - Frames reduce labor required to install on site.
 - Eliminates jobsite painting of frames.
 - Large color selection.

APPLICABLE STANDARDS, RELATED REFERENCES

- ANSI A117.1 - Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People.
- ASTM B455 - Specification for Copper-Zinc-Lead Alloy (Leaded Brass) Extruded Shapes.
- ASTM B117 - Standard Practice for Operating Salt Spray (fog) Apparatus.
- ASTM D523 - Standard Test Method for Specular Gloss.
- ASTM D822 - 01 Standard Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings.
- ASTM D2197 - Standard Test Method for Adhesion of Organic Coatings by Scrape Adhesion.
- ASTM D2247 - Practice for Testing Water Resistance of Coatings in 100% Relative Humidity.
- ASTM D2794 - Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
- ASTM D3361 - Standard Practice for Unfiltered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings.
- ASTM E152 - Methods of Fire Tests of Door Assemblies.
- ASTM G154 - Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Non-Metallic Materials.
- NFPA 80 - Fire Doors and Windows.
- NFPA 252 - Fire Tests for Door Assemblies.
- ITS (WHI) - Fire Tests of Door Assemblies.
- UL 10B - Fire Tests of Door Assemblies.
- UL 10C - Positive Pressure Fire Tests of Door Assemblies.

PACKAGING, HANDLING, PROTECTION, AND DELIVERY INSTRUCTIONS

- Materials are delivered in cartons. Care, handle, and protect against damage such as moisture, blemishing of finished surfaces, breakage or dirt.
- Frames are shipped knocked down for ease of handling, lower freight costs, and for convenience of storage on project site.

AVAILABILITY

- Nationally and internationally.
- Distributors usually stock handed 2134 mm (7'0") frames.

COST

- Timely prefinished door frames are similar in cost to functionally similar hollow metal frames.
- Consult Timely authorized distributors and representatives for pricing.

PRODUCT PROPERTIES

MATERIAL AND DESIGN

- Steel Surfaces:
 - Cold-Rolled Steel: Treated prior to pre-finishing.
 - Stainless Steel: Type 304.
 - Stainless Steel: Type 430, polished.
- Brass sheet: To ASTM B455-96.
- Pre-finishing:
 - Specular Gloss: 60° according to ASTM D523.
 - Chalking: None according to ASTM D659.
 - Color change: No change according to ASTM D2244.
 - Blistering: No blistering according to ASTM D714.
 - Humidity: Less than 5% No. 8 size blisters according to ASTM D2247.
 - Salt spray: No opening or rusting according to ASTM D1654.
 - Weatherometer: No deterioration of film according to ASTM D822.
 - Flexibility: No cracking according to ASTM D2197.

SHAPE, MASS, AND DIMENSIONS

- Exterior Frames: 1.2 mm (18 gauge), 0.9 mm (20 gauge) thick steel.
- Interior Frames: 1.2 mm (18 gauge), 0.9 mm (20 gauge), or 0.8 mm thick steel
- Sidelite Frames: 1.2 mm (18 gauge) or 0.9 mm (20 gauge) thick steel
- Frame Profiles:

“S” (Standard) Series: 0.9 mm (20 gauge).

“C” Series: 1.2 mm (18 gauge).

“A” Series: 1.2 mm (18 gauge), adjustable.

“E” Series: 0.9 mm (20 gauge),

Stainless Steel: Type 430 polished.

Stainless Steel: Type 304.

Brass: Solid, bright.

- Casings:

Steel Casings:

Pre-finished Standard Steel: Model TA-8, 0.8 mm (22 gauge) with 6 mm (1/4 inch) reveal, on steel, stainless steel, brass frames. With corner alignment clips. Fit factory assembled units with MiterGard corner alignment clips.

Pre-finished Colonial Style Steel: Model TA-30, 0.8 mm (22 gauge) with 6 mm (1/4 inch) reveal. With corner alignment clips.

Aluminum Casing:

Pre-finished Aluminum: Model TA-23 with a 6 mm (1/4 inch) reveal, or Model TA-28 full face. With corner alignment clips.

Clear Anodized Aluminum: Model TA-23 with a 6 mm (1/4 inch) reveal, or Model TA-28 full face. With corner alignment clips.

PVC Casing:

Cellular poly (vinyl chloride), Model TA-35. With corner alignment screws.

Wood Casing:

By others.

ACCESSORIES

- Reinforcement Brackets: Regular arm closer, Model TA-10. Parallel arm closer, Model TA-12.
- Multi-purpose application, Model TA-25.
- Reinforcement Brackets for Rim Exit Device: Model TA-12.
- Reinforcement Brackets for Door Guards: Model TA-10.
- Weatherstripping: Model TA-51, Black, Western White, Browntone color and Clear.
- Silencers clear stick-on type.
- Glass Stops: Model TA-14 removable rolled steel, shape, butted ends, countersink style and screws.
- Fasteners by others:
 - Interior Frames: Drywall type.
 - Exterior Frames: Drywall type, corrosion resistant coating at exterior frames.
 - Site Applied Wood Trim: Finish type.

FINISH, COLORS AND TEXTURES

- Frame Units: Prefinshed with factory applied impact resistant, polyester baked enamel finish.
- Frames for Exterior Units: Electro Galvanized Prefinished with factory applied impact resistant, polyester baked enamel finish.
- Standard Colors: Browntone SC101*, Western White SC107* (*Available adjustable frames in powder coat)
- Stock Colors (extra cost): Autumn Brown SC102, Black SC103* (*Available for adjustable frames in powder coat), Stone Gray SC106, Alumaton SC108. (Prime EG Electro Galvanized used for field painting),
- Custom Series: Navajo White CC104, Winter White CC105, White White CC301, White Smoke CC302, Bone China CC303, Designer White CC304, Charcoal CC401, Cape Cod Gray CC402, Neutral Gray CC403, Nickel CC404, Driftwood CC501, Sandy Beach CC502, Cameo Beige CC503, Cozy Peach CC504, Brown Sugar CC601, Cocoa CC602, Doeskin CC603, Harvest Moon CC604, Cordovan CC701, Ruby Red CC702, Rosedust CC703, Mauve Mist CC704, Pacific Blue CC801, Twilight CC802, Country Blue CC802, Jade CC901, Kentucky Grass CC902, Miami Waters CC903, Malibu Green CC904. (Available for adjustable frames in powder coat.)
- Elite Series: Bright Solid ES201 or Bright Plated Brass ES202, 430 Bright Stainless Steel ES204.
- 304 #4 Brushed Stainless Steel ES206.
- Color chips available upon request. Finishes are semi-gloss unless otherwise specified.
- Touch-up paint available, colors may vary slightly.
- Custom color matching also available. Submit color chip.

PRODUCT PLACEMENT

PREPARATION

- Confirm opening dimensions, wall surface flatness tolerances, wall thickness, readiness for frame anchor.

FRAME INSTALLATION

- Confirm opening for proper swing, sleeve header over wall.
- Hold jambs at angle and sleeve upper portions over wall. Push upward to engage jamb tops into space between aligning tabs and doorstop of header.
- Sleeve remaining jamb completely over wall. Rotate jambs if fit is tight.
- Pull header down to bring frame to finished floor, with blocking representing floor finish if not installed. Remove blocking to allow floor finish to be installed.
- Hang pre-fit door and close into opening. Adjust frame to achieve equal perimeter space tolerances from door edge.
- Fasten frame to wall substrate, hinge side first then header progressing to strike side last. Raise strike side to fit tight with the header. Fasten strike side.
- Fire rated frames require a fastener every 280 mm (11 inches).
- Attach snap on casings to clips, fit to tight miter fit.

MAINTENANCE INSTRUCTIONS AND PROCEDURES

- Cleaning: Remove temporary coverings and clean products in accordance with manufacturer's instructions.

Corporate Identification

TIMELY INDUSTRIES
A Division of S.D.S. Industries, Inc.
10241 Norris Avenue Pacoima, CA, 91331-2292

Phone - Toll free 800-247-6242
Local: 818-492-3500
Fax: 818-492-3530

Web site: www.timelyframes.com

Technical Services Available

Corporate Office: Pacoima, CA

Eastern Distribution: Cincinnati, OH


Southeastern Distribution: Atlanta, GA

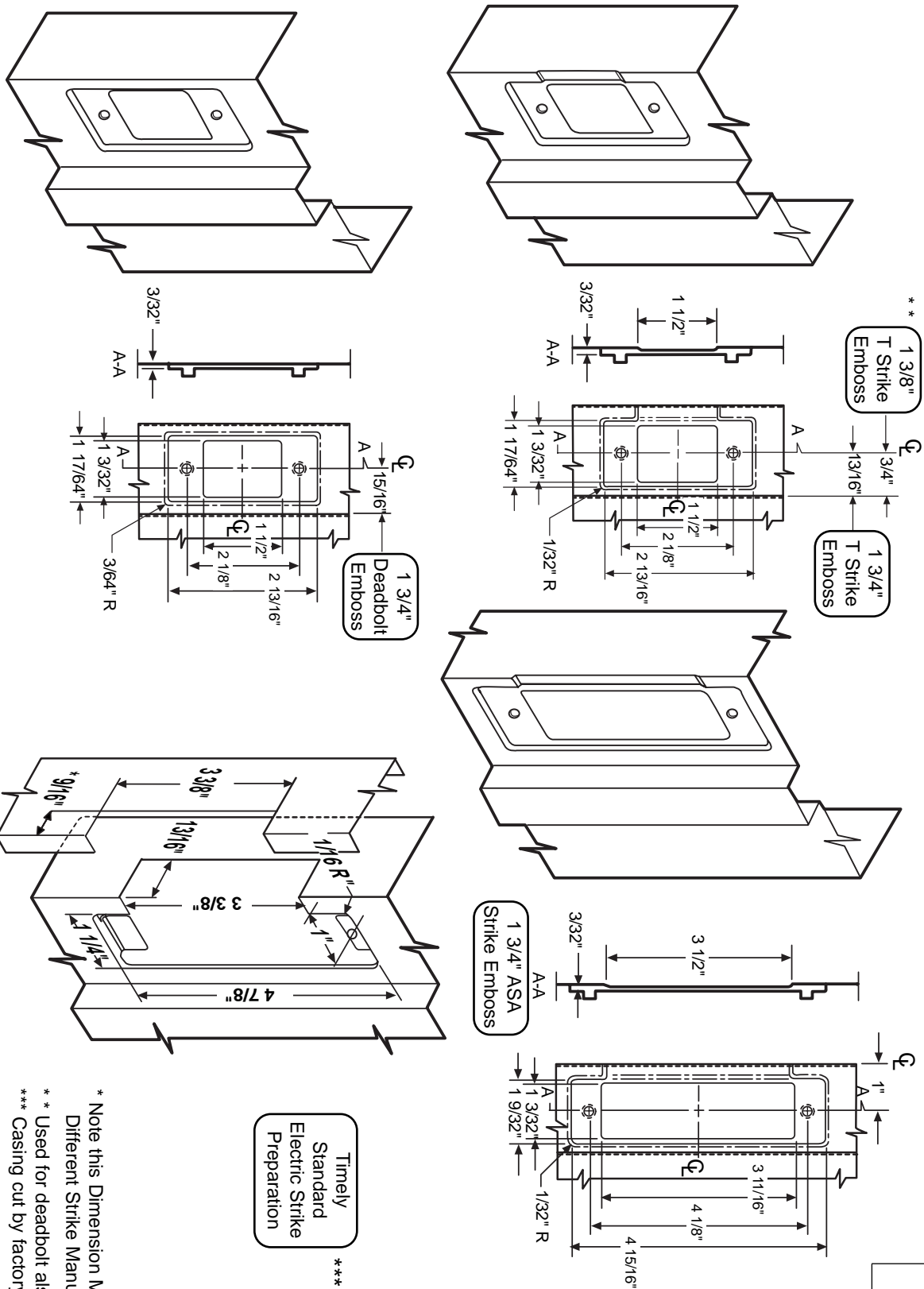
Classification and Filing

MasterFormat Section 08117 - Custom Steel Frames

UniFormat Section C1020 - Interior Doors and Frames

End of Section

<h1 style="text-align: center;">TIMELY FRAME NOTES</h1>		<h2 style="text-align: center;">FORM 902-1</h2>		
<p>1. This schedule has been prepared by _____. Other suppliers using these drawings for their own products, do so at their own risk.</p> <p>2. Material listed on this schedule will not be ordered until we receive formal approval by the Architect, and one copy of the approved Hardware Schedule.</p> <p>3. Timely frames will be embossed, reinforced, drilled and tapped for mortise hinges and lock strike plates. Drilling and tapping for surface mounted hardware must be done by others.</p> <p>4. Timely reinforcements for surface mounted hardware will be shipped separately and installed by the frame installer. Read all reinforcement instructions before installing frame.</p> <p>5. All Timely 3-sided door frames are supplied "knocked-down" and are shipped in two cartons per frame; one carton for the header and one for the jambs. Borrowed lite frames, sidelite frames, and transom frames will have additional cartons as required.</p> <p>6. Timely frames are anchored to the wall using fasteners furnished by others. See "General Information" sheet for recommended fasteners.</p> <p>7. Glass, glazing and installation of glass is by others. Glass size shall be field measured after frames have been field installed. Glass Stop to be field cut.</p>		<p>8. Roll-form or break frames to standard shapes as shown in manufacturer's literature and details on drawings.</p> <p>9. Provide features as follows:</p> <ul style="list-style-type: none"> a. Heat treated clips for casing attachment. b. 14 GA. hinge reinforcement plate with extruded screw holes for minimum of 3/16" thread engagement. c. Adjustable strike (for cylindrical locks). <p>10. Provide frames in:</p> <ul style="list-style-type: none"> "C" series, 18 GA. - for high abuse or very high frequency openings. "S" series, 20 GA. - for standard commercial or residential fire rated openings. <p>11. Verify opening conditions for compliance with plans and shop drawings.</p> <p>12. Install frames using the door as a template to assure perfect alignment of the door and frame.</p>		
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			REVISION:	SHEET: OF:



PROJECT:

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DATE:

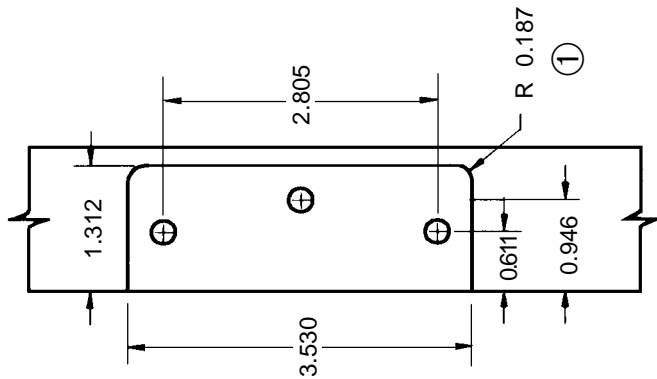
JOB NO:

Timely

REVISION:

SHEET:

OF:



*Standard
3 1/2" Hinge
Emboss

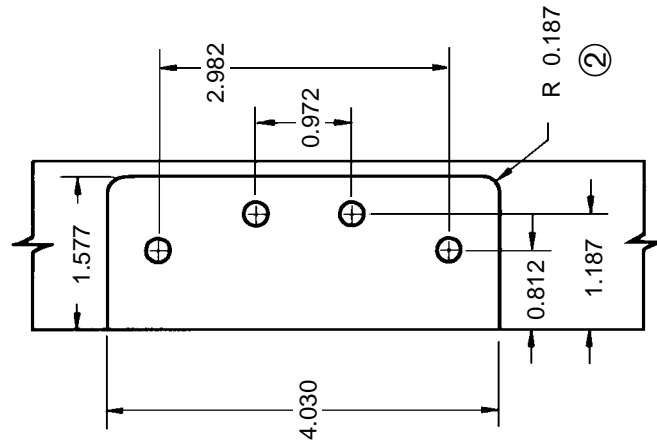
Emboss Depth .100

① Requires 1/4" Radius Hinge

Special Die
3 1/2" Hinge Emboss

Residential
w/ 5/8" Corner Ratio

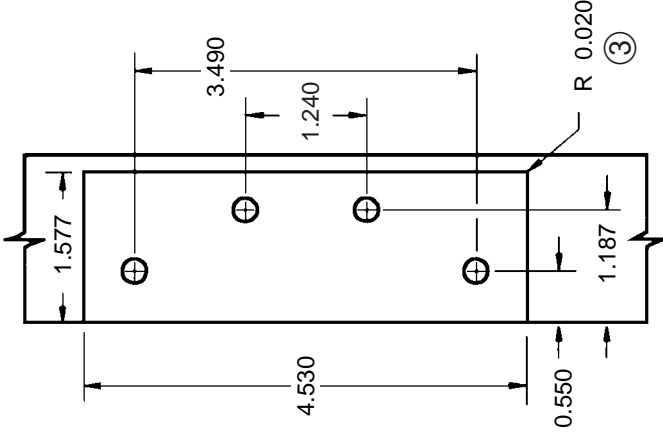
Emboss Depth .120 Emboss Depth .090 - .100



Standard
4" Hinge
Emboss

Emboss Depth .120 - .125

② Requires 1/4" Radius Hinge



Standard
4 1/2" Hinge
Emboss

Emboss Depth .135 - .140

③ Requires Square Corner Hinge

PROJECT:

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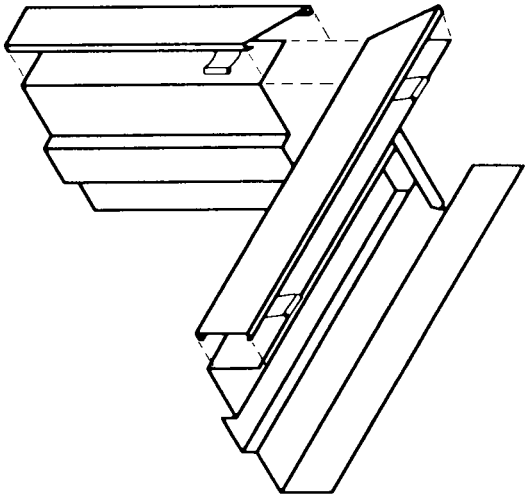
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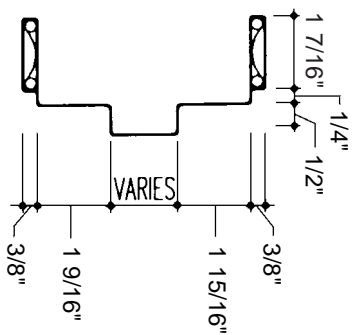
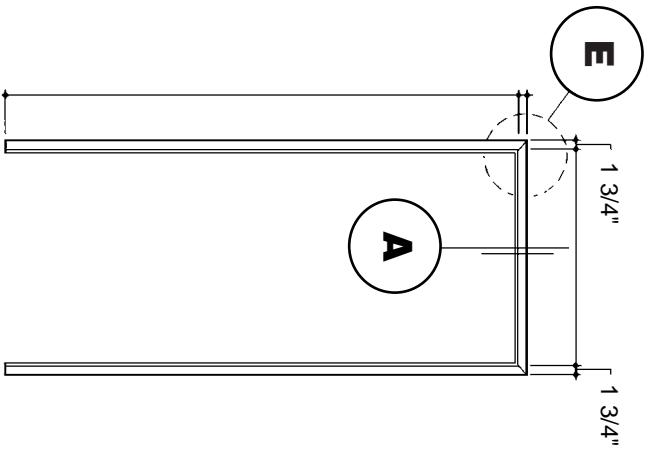
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Detail E



Detail A

PROJECT:

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DATE:

JOB NO:

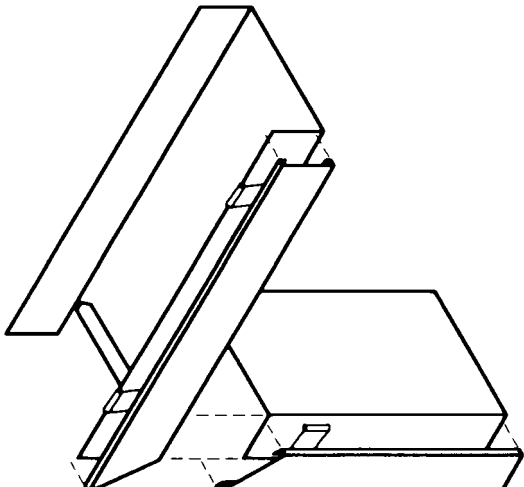
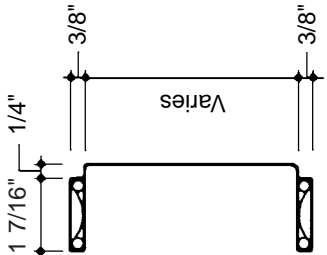

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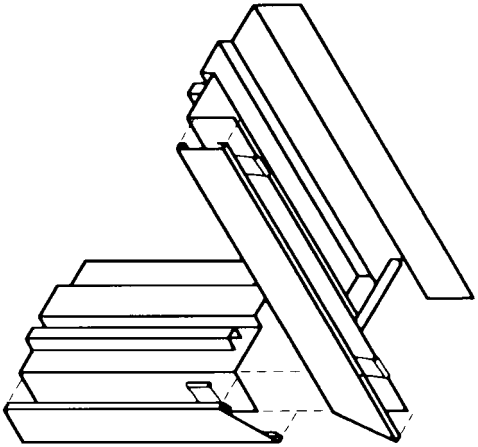
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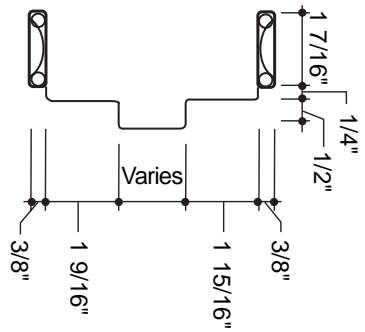
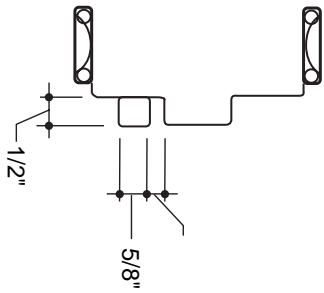


F001NS: 12/09/91	FRAME ELEVATION — TA-8 Casing Shown	FORM 001NS
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JOB NO:	DRAWN BY:	DATE:
SHEET: OF:	REVISION:	

FRAME ELEVATION — TA-8 Casing Shown



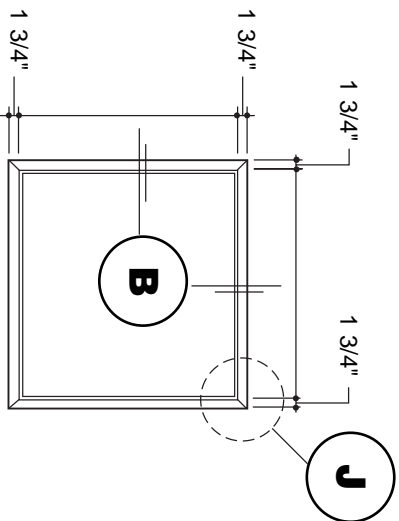
Detail J



Detail B

Detail A

(for reference only)



PROJECT:

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JOB NO:

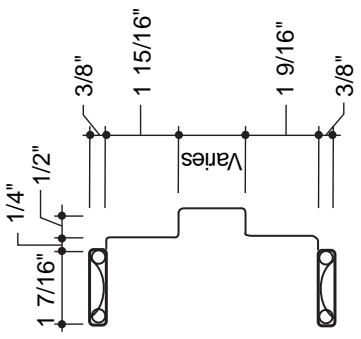
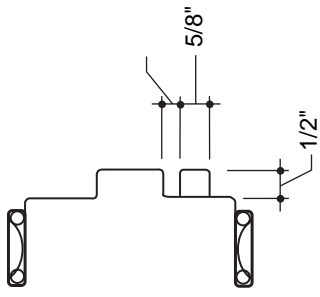
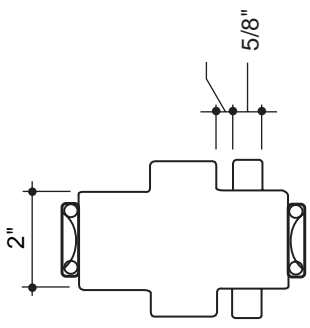
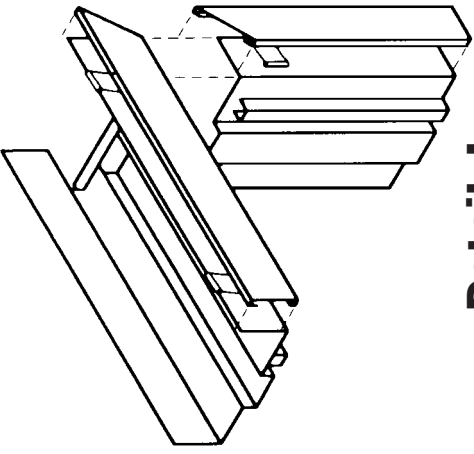
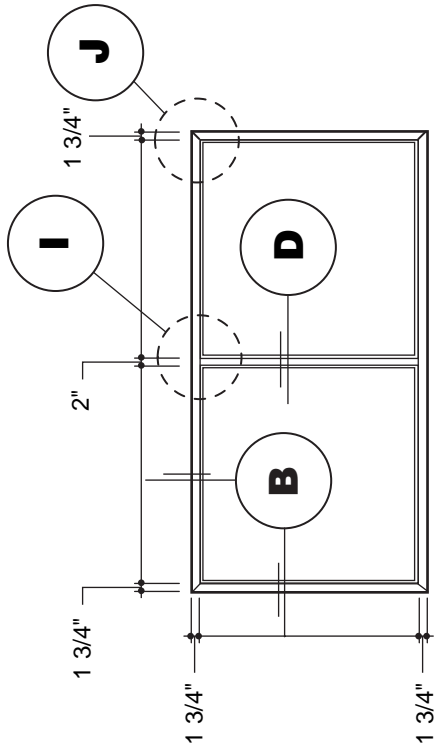
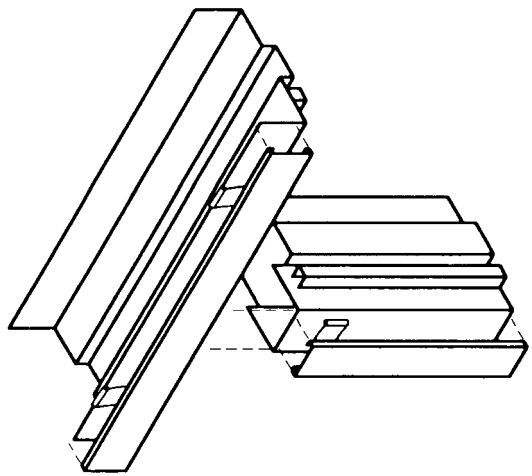

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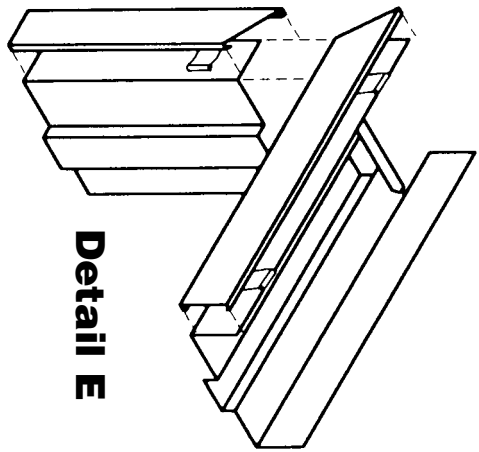
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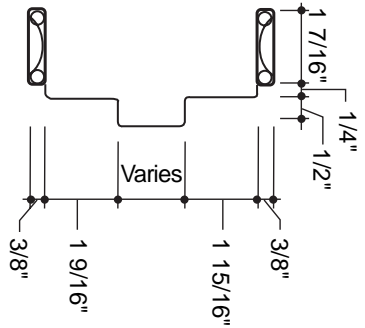
F101-1: 12/09/91	FRAME ELEVATION — TA-8 Casing Shown	FORM 101-1
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FRAME ELEVATION — TA-8 Casing Shown

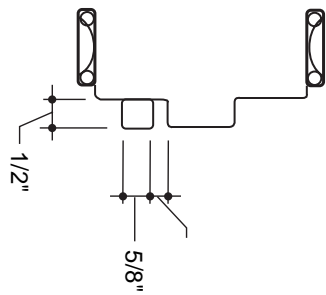
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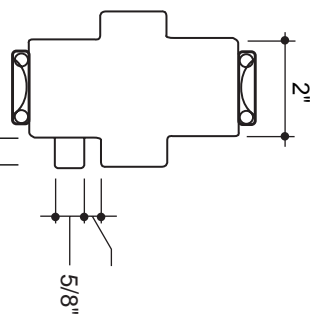
Detail E



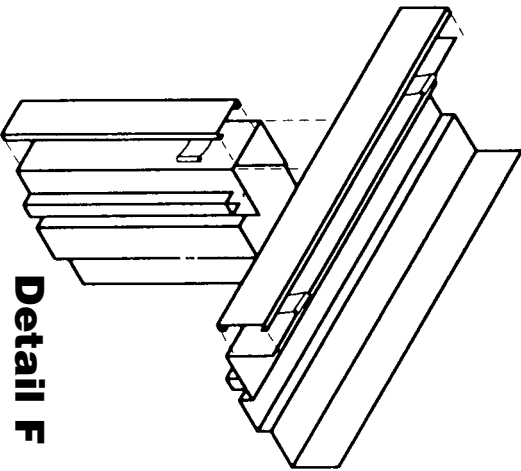
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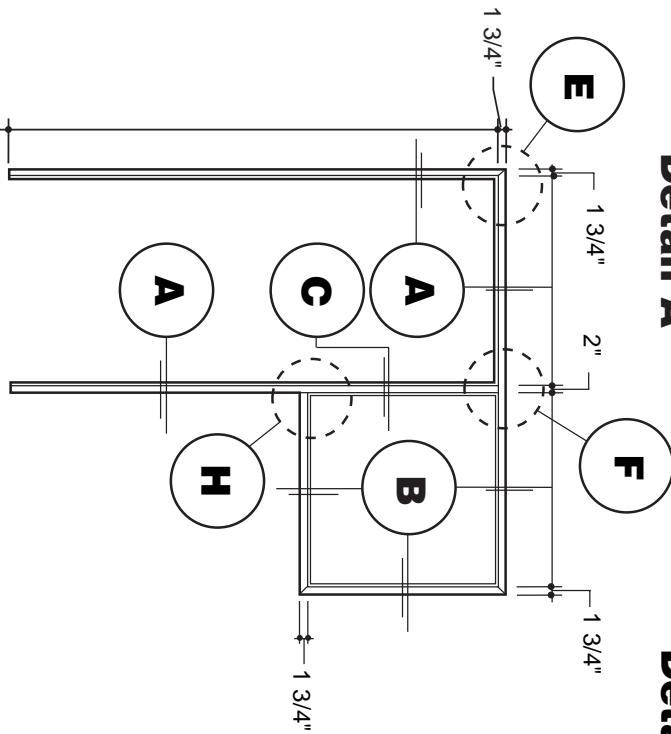
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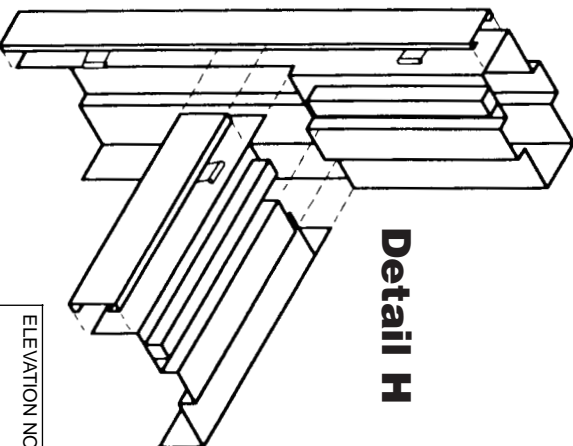
Detail C



Detail F



Detail H



PROJECT:

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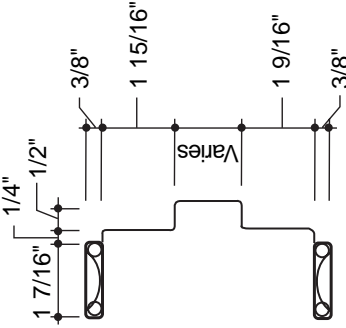
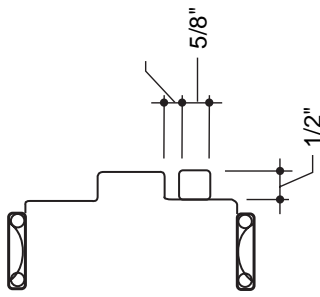
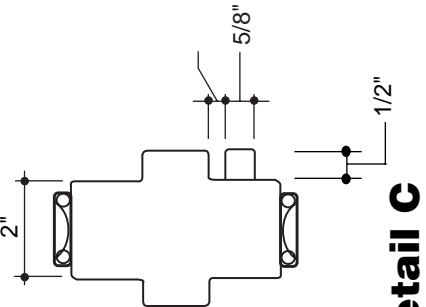
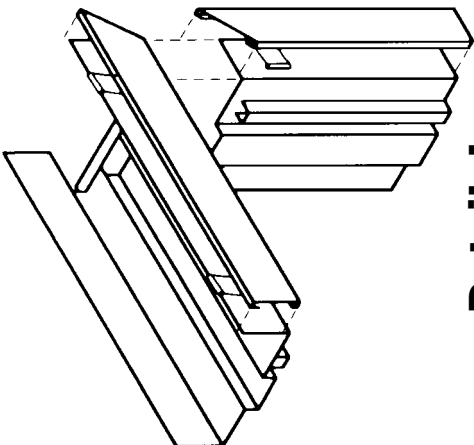
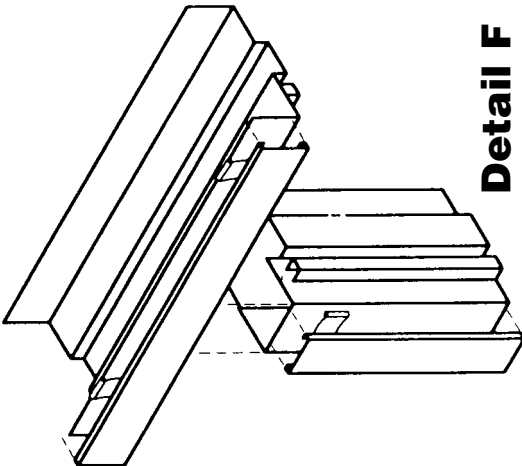
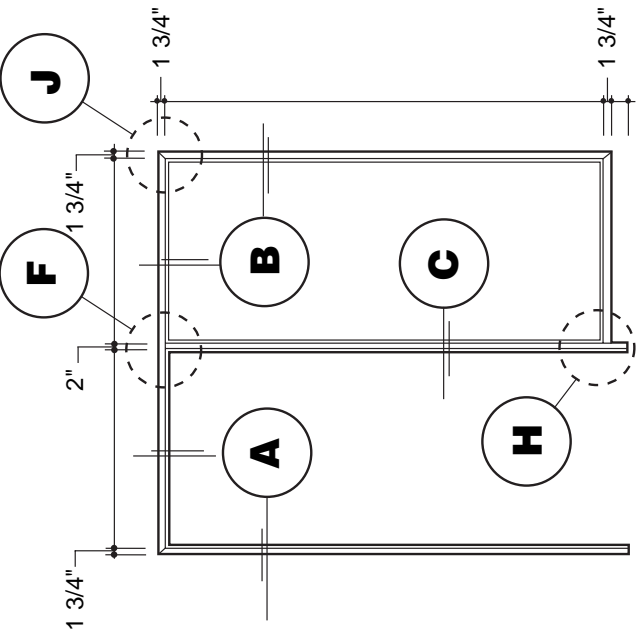
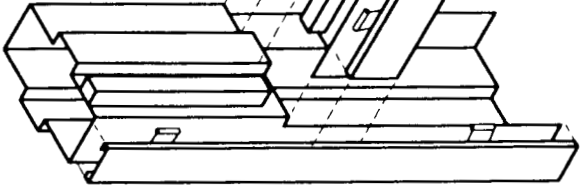

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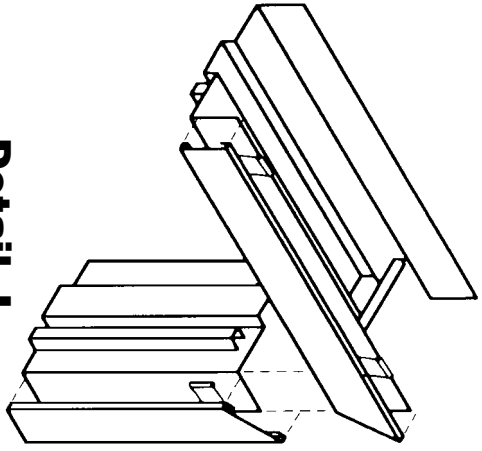
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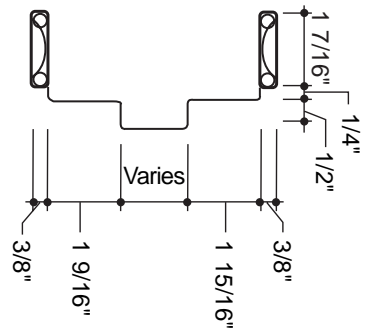
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F201-2: 12/09/91	FRAME ELEVATION — TA-8 Casing Shown	FORM 201-2
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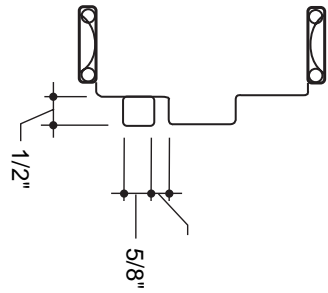
FRAME ELEVATION — TA-8 Casing Shown



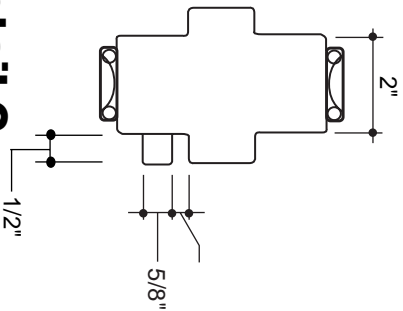
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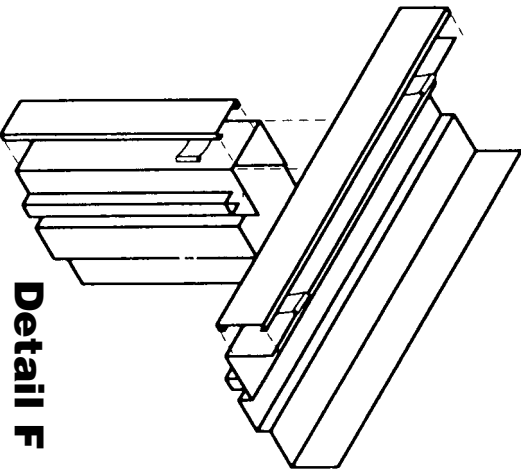
Detail A



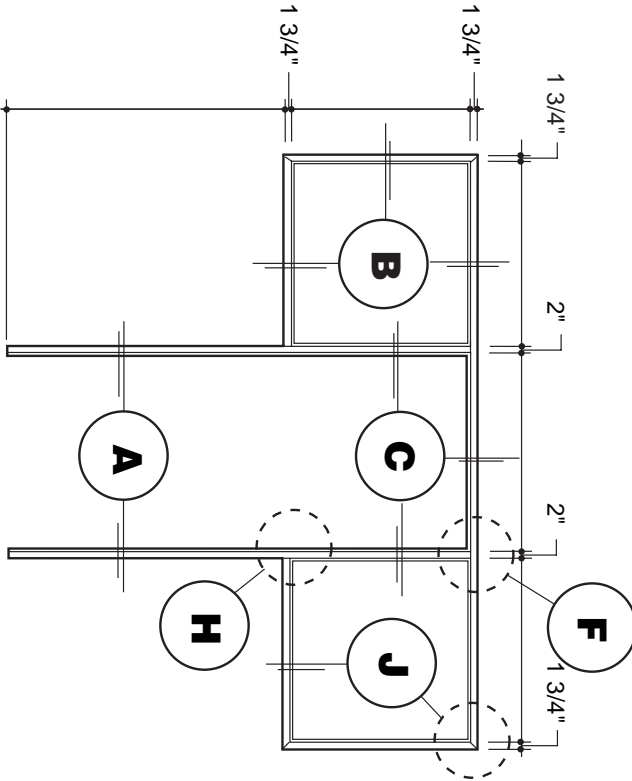
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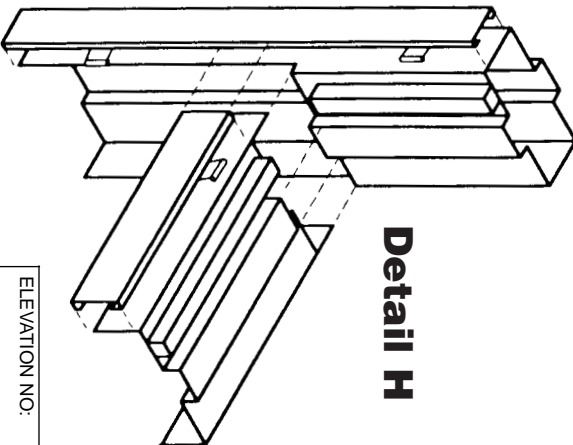
Detail C



Detail F



Detail H



PROJECT:

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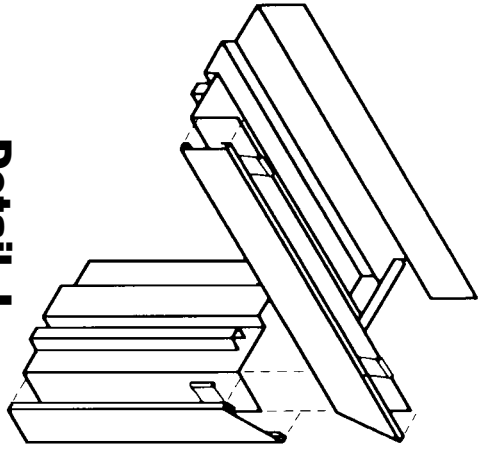


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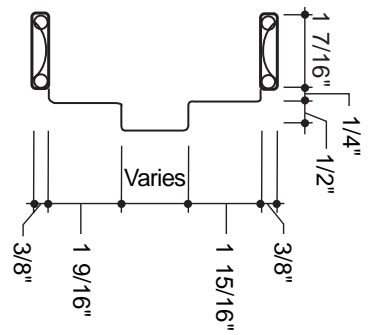
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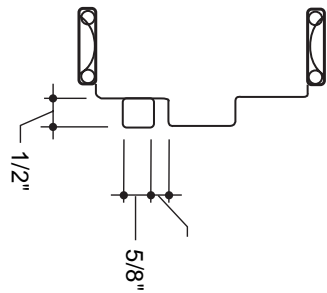
FRAME ELEVATION — TA-8 Casing Shown



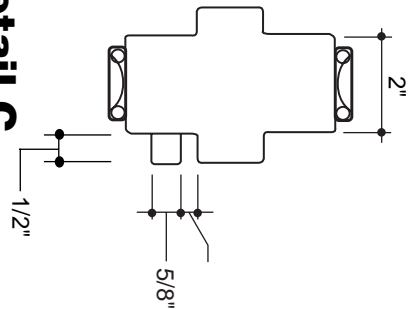
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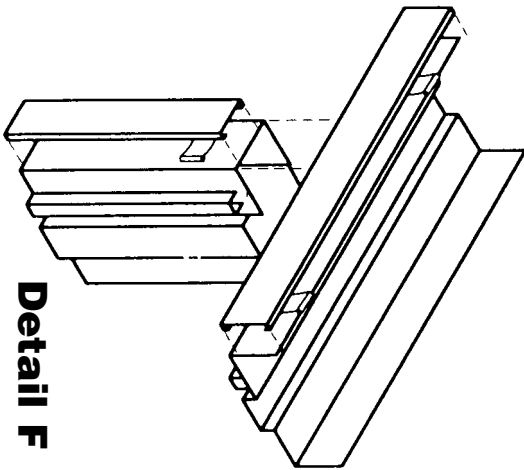
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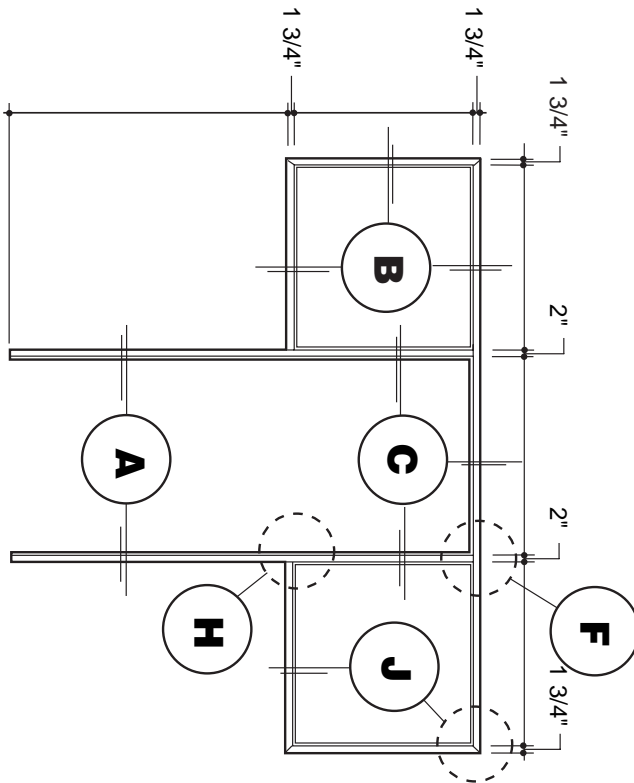
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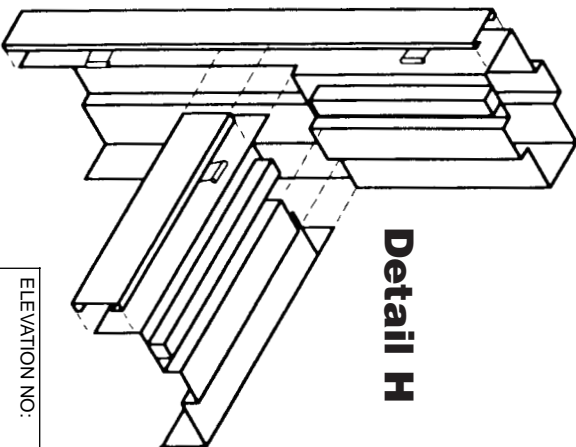
Detail C



Detail F



Detail H



PROJECT:

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DATE:

JOB NO.:

ELEVATION NO.:



REVISION:

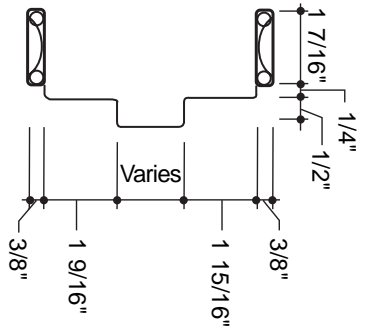
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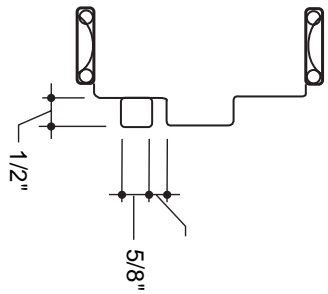
F300: 12/09/91

FRAME ELEVATION — TA-8 Casing Shown

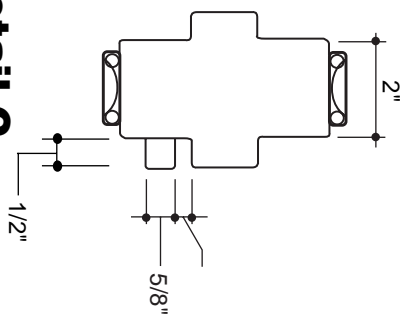
FORM 300



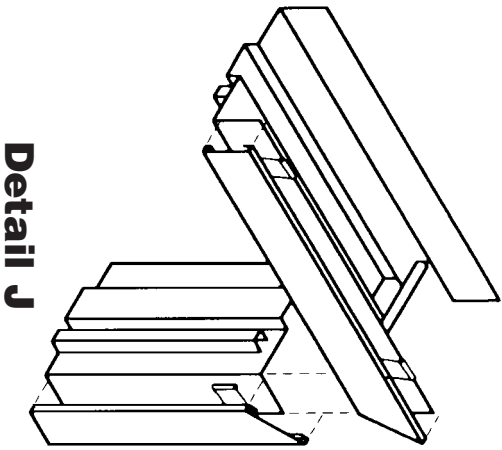
Detail A



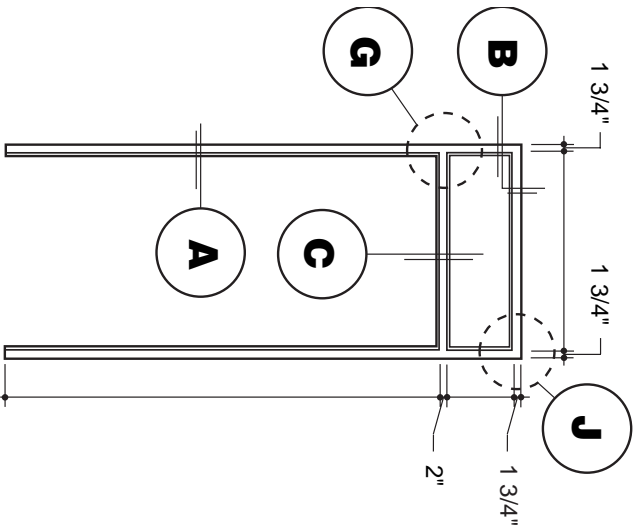
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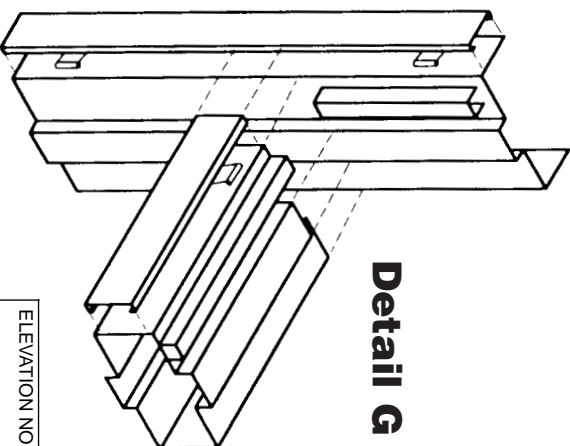
Detail C



Detail J



Detail G



PROJECT:

DRAWN BY:

DATE:

JOB NO:

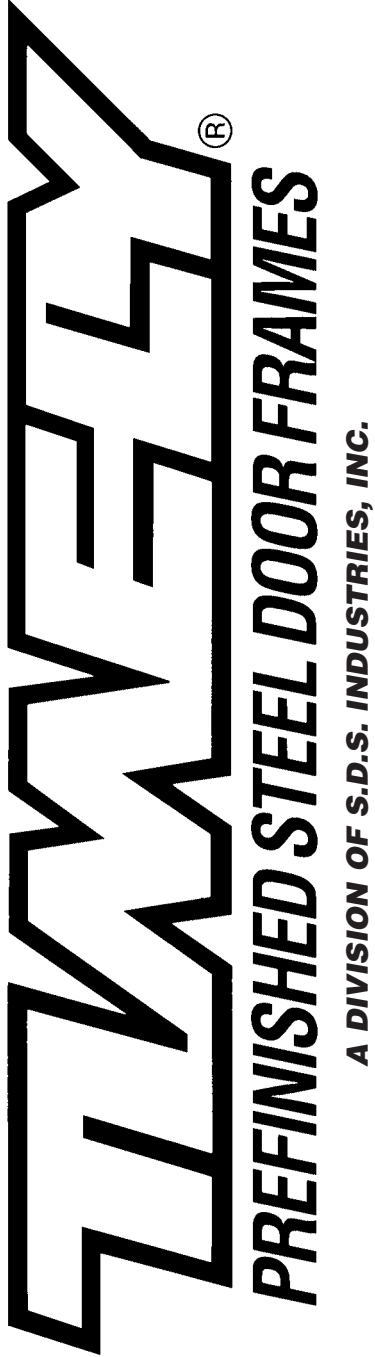
ELEVATION NO:

TIMEY®

REVISION:

SHEET:

OF:



Distributor:

Job:

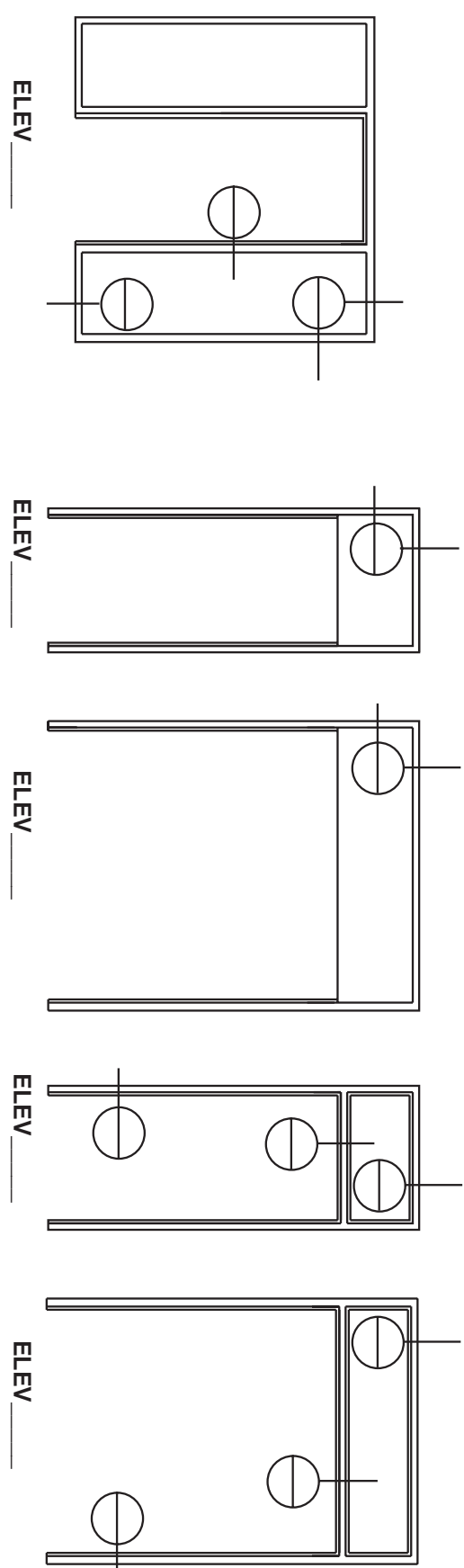
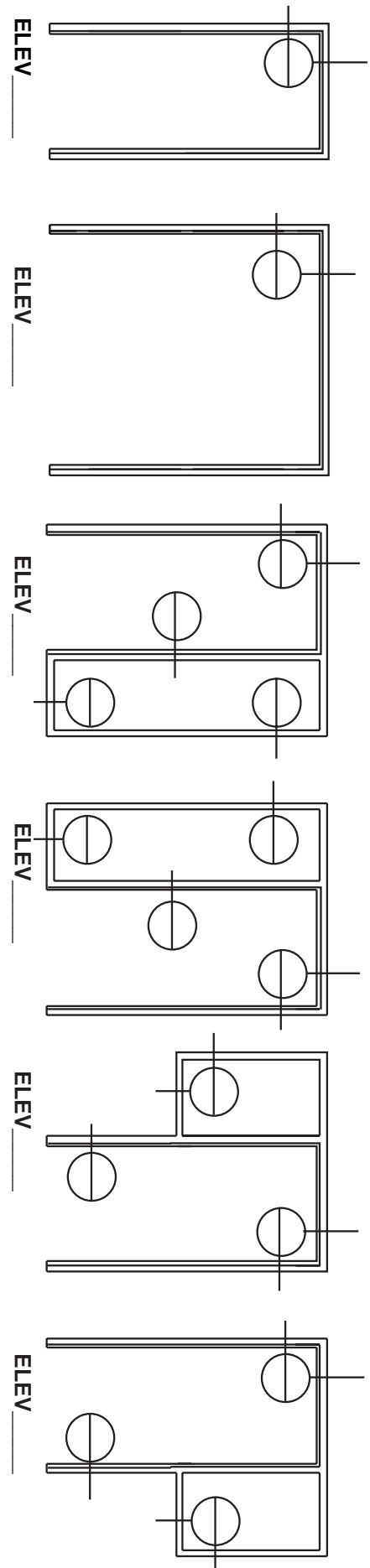
Location:


Architect:

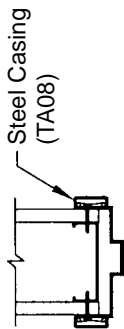
Contractor:

Date:

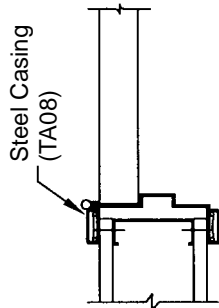
Revision:



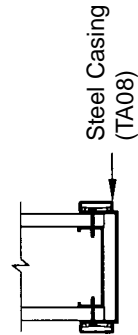
 PREFINISHED STEEL DOOR FRAMES FRAME SCHEDULE		PRESENTED BY:		PROJECT:	
				JOB NO.:	
		DATE:		REV. DATE:	
		SHEET #		OF	



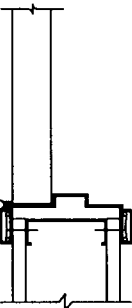
1 Head



2 Cased Opening Head

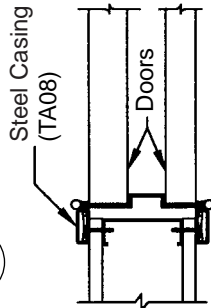


3 Adjustable Frame

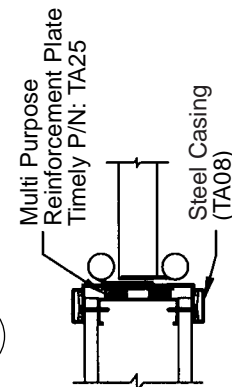


4 Jamb Hinge Side

5 Cased Opening Jamb

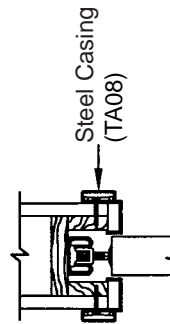


6 Adjustable Frame

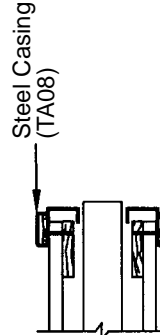


7 Communicating Jamb

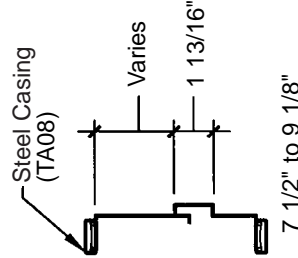
8 Double Acting Jamb



9 Pocket Door Head



10 Pocket Door Jamb



11 Adjustable Frame

TIME

REFINISHED STEEL DOOR FRAMES

FRAME SCHEDULE

PRESENTED BY:

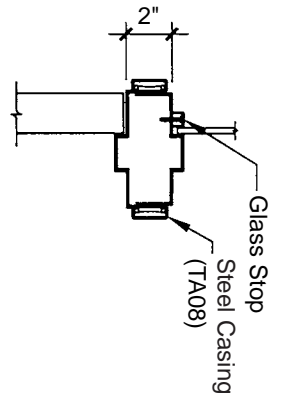
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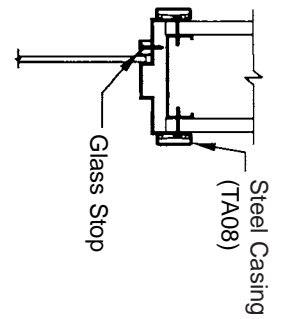
DATE:

REV. DATE:

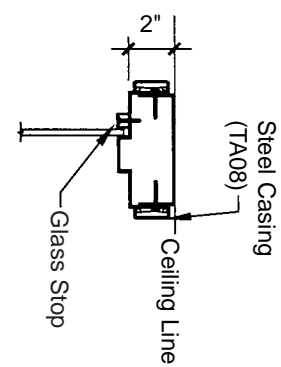
SHEET # OF



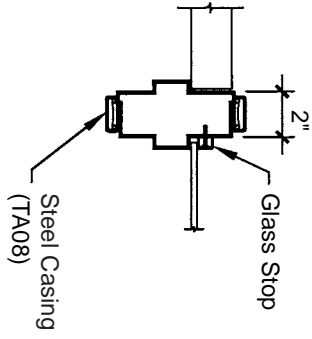
1 **Transom Head**



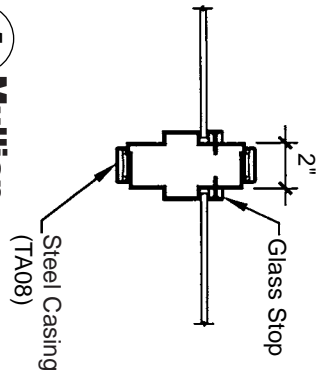
2 **Lite Head**



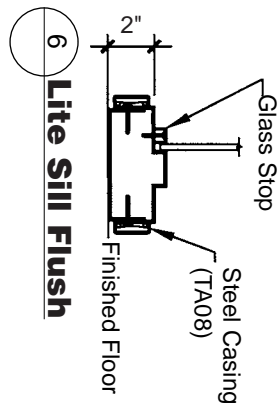
3 **Lite Head Flush**



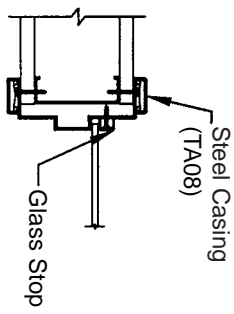
4 **Mullion Strike Side**



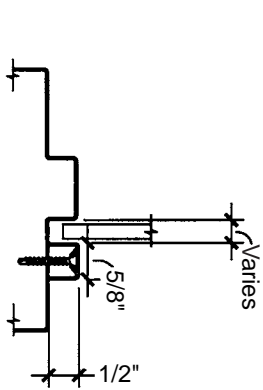
5 **Mullion**



6 **Lite Sill Flush**

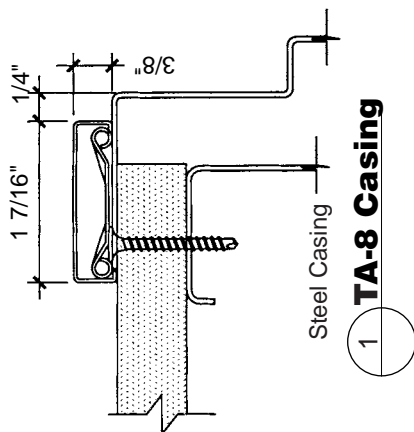


7 **Jamb Glazing**

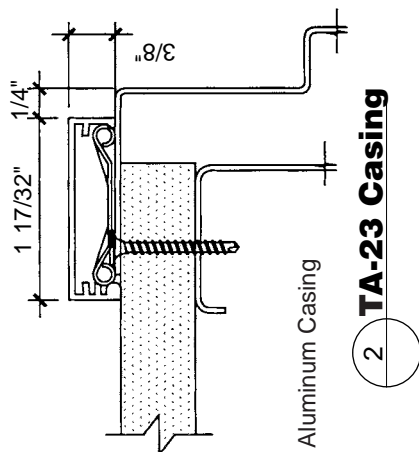


6 **Glass Stop (TA14)**

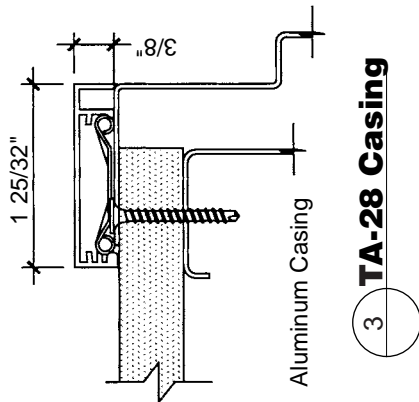
TIME PREFINISHED STEEL DOOR FRAMES FRAME SCHEDULE		PRESENTED BY:		PROJECT:	
				JOB NO.:	
				DATE:	
				REV. DATE:	
				SHEET #	
				OF	



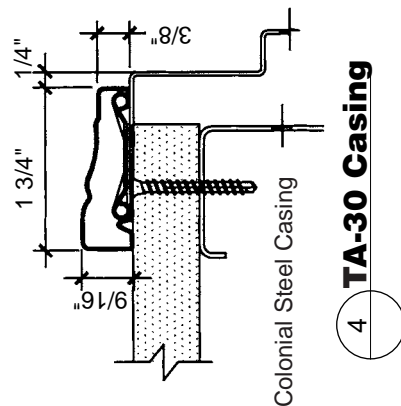
1 **TA-8 Casing**



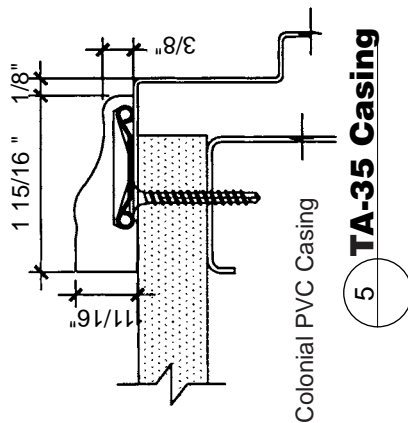
2 **TA-23 Casing**



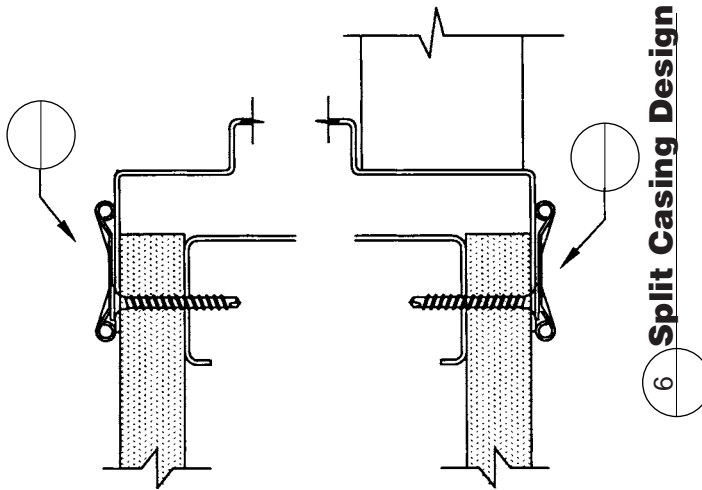
3 **TA-28 Casing**



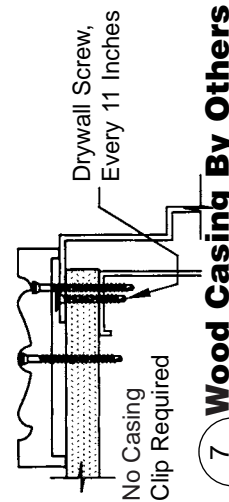
4 **TA-30 Casing**




5 **TA-35 Casing**



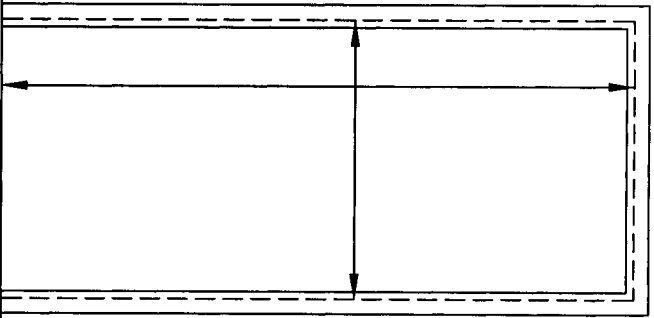
6 **Split Casing Design**



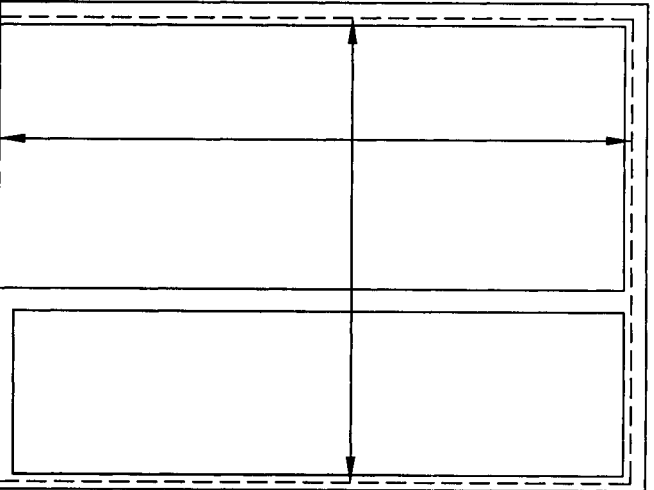
7 **Wood Casing By Others**

<div><p>PREFINISHED STEEL DOOR FRAMES</p><p>FRAME SCHEDULE</p></div>	PRESENTED BY:		PROJECT:
			JOB NO:
			DATE:
			REV. DATE:
			SHEET # OF

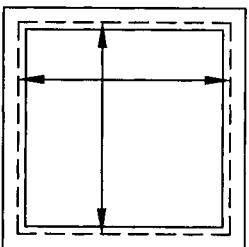
TIMELY FRAMING SPECIFICATIONS **ROUGH OPENING DIMENSIONS**



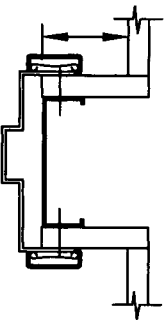
Door
Nominal Door Width + 1 1/4"
Jamb Height + 1"



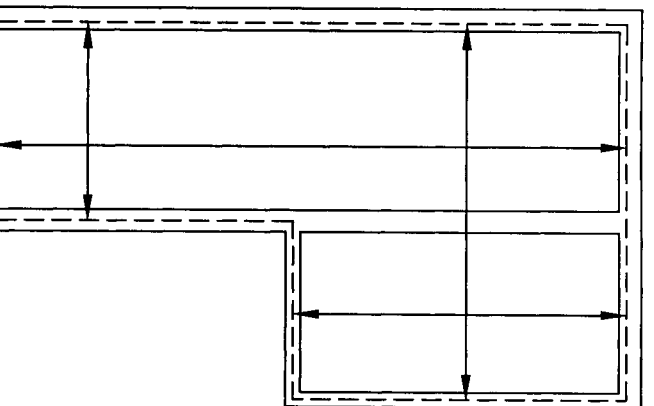
Door With Sidelite
Nominal Door Width + Sidelite +
2" for Each Mullion + 1 1/4"
Jamb Height + 1"



Borrowed Lite
Width = Rabbet to Rabbet + 1 1/4"
Height = Rabbet to Rabbet + 1 1/4"
Note: Actual Glass Size is Smaller.
Always Measure Frame Before
Ordering Glass.



2" Minimum Stub Wall is Required.



Door and Partial Sidelite
UPPER: Nominal Door Width + Sidelite +
2" for Each Mullion + 1 1/4"
LOWER: Nominal Door Width + 1 1/4"
Jamb Height + 1"
Sidelite Height: Rabbet to Rabbet + 1 1/4"

RECOMMENDED FASTENERS:

Wood or Metal Stud Drywall Fasteners by General Contractor
For Metal Studs Use 'Fine Thread' Drywall Screws
For Wood Studs Use 'Coarse Thread' Drywall Screws
All Frames Require One Fastener Beside Every Casing Clip



PREFINISHED STEEL DOOR FRAMES

FRAME SCHEDULE

PRESENTED BY:

PROJECT:

JOB NO:

DATE:

REV. DATE:

SHEET #

OF

Frames can be manufactured to Hollow Metal locations

FAX: (818) 492-3530

Note: All manufacturing leadtimes begin after all conditions have been completely clarified between the manufacturer and dealer.

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Terms, Covenants and Conditions of Sale

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

LIABILITY FOR DAMAGES OR DELAY

Seller shall not be liable for any loss, damage or delays in delivery or otherwise of any kind, including, but not limited to losses, damages or delays resulting from shipping, failure of Seller's independent contractors to deliver the items hereby sold, government action or regulations, strikes, lockouts, fire, explosion, theft, flood, riot, insurrection, war, malicious mischief or any act of God. In the event of such loss, Buyer shall remain liable for the full amount of the unpaid balance of this Order. Anything herein to the contrary notwithstanding, it is agreed that Seller shall not be liable for any damage to property, injuries to persons, loss of profits or loss of use resulting from the shipping, delivery, installation or maintenance of any items sold hereunder and Buyer does hereby agree to indemnify Seller and agrees to hold Seller free and harmless from any and all such claims including the payment of reasonable attorneys' fees.

RISK OF LOSS

Buyer assumes the entire risk of the loss of said property and agrees that neither the loss, damage nor destruction of the whole or any part thereof shall release the Buyer of its obligation to pay the purchase price or any part thereof.

Anything herein to the contrary notwithstanding, it is agreed that under no circumstances will the Seller assume responsibility for any damage growing out of or owing to any delay of any kind whatsoever, unless there is a specific agreement in writing, between the Seller and Buyer to the contrary.

NOTICES

Buyer shall promptly notify Seller by registered mail/certified mail of any claim, demand or suit made against or brought by Buyer arising out of the use, condition or operation of the items herein purchased. Buyer hereby agrees to and does indemnify, protect, save and hold harmless Seller, its agents, servants, successors and assigns, from and against all losses, damages, injuries, claims, demands and expenses, including legal expenses, of whatsoever nature, arising out of the use, condition (including, but not limited to latent and other defects and whether or not discoverable by it) or operations of any items of equipment regardless of all such losses, damages, injuries, claims, demands and expenses, and shall pay all judgments entered in any such suit or suits or other legal proceedings. The foregoing indemnities and assumption by the Buyer shall not preclude the Seller, at its option, from undertaking its own defense to any such claim, demand, suit or action.

PRICE CHANGES

All prices are subject to change without notice, and are F.O.B. factory, Pacoima, California. All shipments shall be made subject to prices in effect at the time. Minimum order charge is \$10.00 excluding freight.

TAXES AND ASSESSMENTS

Buyer agrees and acknowledges that it will pay all sales taxes, use taxes, excise taxes, personal property taxes, assessments, and all other governmental charges, fees, fines or penalties whatsoever relating to this order, its use, registration, transportation, delivery, or operation thereof assessed and imposed by any Federal, State, County or City. Said taxes or assessments shall be added to the sales price. In case of the failure of the Buyer to pay said taxes, assessments, charges or fees, all as hereinabove specified, the Seller shall have the right, but shall not be obligated, to pay said taxes, assessments charges and/or fees as the case may be, and thereafter Buyer shall be liable to Seller for payment so made.

EXCLUSIONS FROM SALE PRICES

Prices of coating or special packaging are not included in the sale prices.

LOCATION OF SALE

This sale shall be deemed to have been made in Los Angeles County, State of California, and all amounts are payable to Seller at Pacoima, California.

VENUE OF COURT

All transactions hereunder shall be governed as to validity, interpretation, enforcement and effect by the laws of the State of California and shall be binding upon and inure to the benefit of the Seller and Buyer and should any term or provision of this Order be found or declared to be invalid under the laws of the State of California, then such validity shall not affect any of the remaining terms or provisions herein and such remaining terms and provision shall remain in full force and effect.

That in the event Seller, at its option, attempts to enforce any part of the terms, conditions and covenants contained herein, it is agreed and acknowledged that the County of Los Angeles, State of California, shall be the proper venue for said action and it is further acknowledged that said venue is part of the consideration for the sale herein.

COSTS AND FEES FOR COLLECTION

Buyer agrees to pay all costs of collecting any amount or enforcing any rights hereunder including, without limiting the generality of the foregoing any expenses incurred, in addition to the cost of the time and service of any employees in making collection. In case of default hereunder, Buyer agrees to pay Seller the reasonable attorneys' fee incurred by Seller in enforcing any of its rights or any of the obligations of the Buyer or in the protection or enforcement of any of its rights hereunder.

TERMS OF PAYMENT

The terms of this sale are net Thirty Days from date of invoice. Unauthorized deductions on invoices will not be honored.

MAILING OF NOTICES

Anything herein to the contrary notwithstanding, all notices permitted or required to be given pursuant to this Sale shall be sent registered or certified mail to the Seller at the address shown or any other later address specified by them in writing and if three days notice being given such notice shall be deemed reasonable notice.

WHEN CONTRACT BECOMES BINDING

The accepted orders are subject to all of the Terms, Covenants and Conditions of sale herein contained. Once an order is accepted by Seller this constitutes a complete and binding contract between Buyer and Seller which cannot be modified or cancelled without the written consent of both parties.

CHANGES OR CANCELLATION OF ORDERS

All changes must be submitted in writing. When the Buyer requests changes to or cancellation of an order, the following policy will be followed:

Changes made to or cancellation of an order may be made at no cost to the Buyer at any time before the order is processed by our data processing department.

Changes made to or cancellation of an order after fabrication of the material has begun will be subject to a charge to be determined on a time and material basis.

If confirmation or change order is not received within 5 days, it is the Buyer's responsibility to notify Seller.

CLAIMS PROCEDURE

Any and all claims for errors, shortages or defective material, in order to be considered by the Seller, must be made in writing by the Buyer to the Seller within ten (10) days after receipt of shipment to warrant consideration by Seller. Seller guarantees only the repair or replacement of such materials or may, only with its written authorization, allow the return of the materials for credit. The return of such material appearing to be defective, after such written authorization, is subject to all freight being prepaid. Upon Seller's inspection and confirmation of material defects, full credit may be given for such prepaid freight if it is determined that the materials were defective. In the event Buyer claims materials are defective, Buyer shall immediately discontinue their use and notify Seller within ten (10) days so that a proper investigation can be made.

ORDER ACCEPTANCE

In order that this sale be binding upon Seller, said orders must be confirmed by Buyer. All orders are subject to Seller's acceptance or rejection. Each order accepted by Seller will be considered as an individual transaction and will be invoiced on that basis. Once an order is accepted by Seller, it will be a binding contract between Seller and buyer and cannot be changed or cancelled without the written consent of Seller. Any request for change or cancellation of any order or any part of any order by Buyer must be made, in writing, by Buyer in a reasonable time and accepted and acknowledged by Seller. Any request for change or cancellation made after fabrication will not be accepted by Seller. Orders will be manufactured according to Buyer's order. Orders without confirmation will be manufactured according to Seller's acknowledgement. Buyer assumes responsibility for accuracy of Seller's acknowledgement.

SELLER'S LIMITS OF LIABILITY

Seller will not accept or allow any claim for labor or expense resulting from the use of defective materials and limits, at its option, its responsibility to credit up to equal the amount of the original price paid by Buyer.

RETURN OF MERCHANDISE

Notwithstanding the terms contained in Paragraph #12, returned merchandise may be allowed by written authorization from Seller to the Buyer. Said materials must be properly packaged and, upon arrival, must be found to be saleable. Freight on such authorized returns must be prepaid and a charge of Twenty Percent (20%) will be made in addition to a reconditioning charge, if required. No credit will be given for material not found saleable. No returns will be permitted of materials fabricated with special preparations and/or special specifications. The determination of whether returned goods are saleable is to be made solely by Seller by use of its reasonable discretion.

SHIPPING INSTRUCTIONS

Seller reserves the right to ship materials as it deems advisable unless specific shipping instructions are noted on Buyer's Order.
F.O.B. Pacoima. See Timely Industries Shipping Policy.

SERVICE CHARGES

Buyer agrees to pay a service charge on all purchases over thirty days at the rate of 1 1/2% per month on the unpaid balance, provided however, in no event that the rate of interest exceeds that permitted by applicable law.

IMPLIED WARRANTY EXCLUSION

Except for the express warranties specifically set forth hereinabove, the Seller excludes any implied warranty of merchantability whatsoever or any part thereof, and, in addition, the Seller specifically excludes any implied warranty of times for any specific or general purpose. Furthermore, there are no warranties which extend beyond the description of such warranties as contained herein.

TITLE

Title to sold property shall not pass to the Buyer until all sums due under this Contract are fully paid. Said chattels shall remain personal property and nothing (anything which may be done by the parties hereto notwithstanding) shall prevent Seller from removing same or so much thereof as Seller in its sole discretion may determine from any premises to which they may be attached, upon any breach of this Agreement.

AMENDMENTS EXCLUSION

This Order constitutes the entire agreement of the parties and neither party shall be bound except in accordance herewith. No amendments or modifications of this Order shall be effective unless in writing, except that Seller is hereby authorized to correct any and all patent errors in either typewritten or handwritten portions of this Order.



20 ga. S series Prefinished Complete Sets 1 3/8"

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

LIST PRICES

1/4" Radius Available in Commercial and Residential weights
Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

SINGLE SWING 1 3/8"x 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" PREPARED FOR ONE PAIR 3 1/2" x 3 1/2" HINGES - 235 - BRN, WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	105.34	105.34	105.34	105.34	111.72	111.72	114.60	•	•

DOOR PAIRS 1 3/8"x 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0" PREPARED FOR ONE PAIR 3 1/2" x 3 1/2" HINGES EACH SIDE - 435 PAIR - BRN, WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	126.40	126.40	126.40	126.40	132.46	132.46	134.06	•	•

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) -2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - 4 ea. TA-6 Corner Pieces. Casing Both Sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

- Consult factory for availability

LIST PRICES

1/4" Radius Available in Commercial and Residential weights
Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

UPRIGHTS ONLY

6'8" x 13/8" SINGLE SWING FRAME - 235 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	73.74	73.74	73.74	73.74	78.20	78.20	80.22	•	•

6'8" X 13/8" PAIR FRAME - 435 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	88.48	88.48	88.48	88.48	92.72	92.72	93.84	•	•

HEADERS ONLY

HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	31.60	31.60	31.60	31.60	33.52	33.52	34.38	•	•

HEADER WIDTHS 4'0", 5'0", 5'4", 6'0" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	37.92	37.92	37.92	37.92	39.74	39.74	40.22	•	•

Header Set Includes: 1ea. Header -4 ea. TA-6 Corner Pieces. Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - Casing Both Sides. Includes casing and corners if applicable.

- Consult factory for availability

LIST PRICES

1/4" Radius Available in Commercial and Residential weights
Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

SINGLE SWING 1 3/8"x 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6"

PREPARED FOR ONE PAIR 3 1/2" x 3 1/2" HINGES - 235 - BRN, WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	120.34	120.34	120.34	120.34	128.32	128.32	131.02	161.48	167.58	176.72

DOOR PAIRS 1 3/8"x 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0"

22	27	34	36	40	45	47	50	53	65	67	72
•	•	139.52	139.52	139.52	139.52	150.98	150.98	154.82	190.82	198.02	208.82

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) -2 ea. Silencers - 1 ea. 2 3/4" T-Strike -
Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - 4 ea. TA-6 Corner
Pieces. Casing Both Sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

- Consult factory for availability

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LIST PRICES

1/4" Radius Available in Commercial and Residential weights
Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

UPRIGHTS ONLY

6'8" x 13/8" SINGLE SWING FRAME - 235 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	84.24	84.24	84.24	84.24	89.82	89.82	92.28	113.74	118.04	124.48

6'8" X 13/8" PAIR FRAME - 435 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	97.66	97.66	97.66	97.66	105.68	105.68	108.38	133.58	138.62	146.18

HEADERS ONLY

HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	36.10	36.10	36.10	36.10	38.50	38.50	39.54	48.74	50.58	53.34

HEADER WIDTHS 4'0", 5'0", 5'4", 6'0" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	41.86	41.86	41.86	41.86	45.30	45.30	46.44	57.24	59.40	62.64

Header Set Includes: 1ea. Header -4 ea. TA-6 Corner Pieces. Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincome Finish (For Other Finishes, See Add Page 23) - Casing Both Sides. Includes casing and corners if applicable.

- Consult factory for availability



20 ga. S series Prefinished Complete Sets 1 3/4"

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

LIST PRICES

SINGLE SWING 1 3/4"x 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES - 340 - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	111.40	111.4	111.40	111.40	118.10	118.10	119.70	•	•

DOOR PAIRS 1 3/4"x 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0" PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES EACH SIDE - 640 PAIR - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	135.66	135.66	135.66	135.66	140.76	140.76	143.00	•	•

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - 4 ea. TA-6 Corner Pieces. Casing Both Sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

• Consult factory for availability

LIST PRICES

UPRIGHTS ONLY

6'8" x 13/4" SINGLE SWING FRAME - 340 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	79.80	79.80	79.80	79.80	84.58	84.58	85.32	•	•

6'8" X 13/4" PAIR FRAME - 640 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	97.74	97.74	97.74	97.74	101.02	101.02	102.78	•	•

HEADERS ONLY

HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	31.60	31.60	31.60	31.60	33.52	33.52	34.38	•	•

HEADER WIDTHS 4'0", 5'0", 5'4", 6'0" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67
•	•	37.92	37.92	37.92	37.92	39.74	39.74	40.22	•	•

Header Set Includes: 1ea. Header -4 ea. TA-6 Corner Pieces. Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - Casing Both Sides. Includes casing and corners if applicable.

- Consult factory for availability



18 ga. C series Prefinished Complete Sets 1 3/4"

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

LIST PRICES

SINGLE SWING 1 3/4"x 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES - 340 - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	126.40	126.40	126.40	126.40	133.10	133.10	136.94	168.78	175.16	184.70

DOOR PAIRS 1 3/4"x 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0" PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES EACH SIDE - 640 PAIR - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	148.74	148.74	148.74	148.74	159.92	159.92	163.74	201.82	209.44	220.86

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) -2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - 4 ea. TA-6 Corner Pieces. Casing Both Sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

- Consult factory for availability

LIST PRICES

UPRIGHTS ONLY

6'8" x 13/4" SINGLE SWING FRAME - 340 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	90.30	90.30	90.30	90.30	94.60	94.60	97.40	120.06	124.58	131.38

6'8" X 13/4" PAIR FRAME - 640 HINGE PREPARATION - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	106.88	106.88	106.88	106.88	114.62	114.62	117.30	144.58	150.04	158.22

HEADERS ONLY

HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	36.10	36.10	36.10	36.10	38.50	38.50	39.54	48.74	50.58	53.34

HEADER WIDTHS 4'0", 5'0", 5'4", 6'0" - BRN,WTW

22	27	34	36	40	45	47	50	53	65	67	72
•	•	41.86	41.86	41.86	41.86	45.30	45.30	46.44	57.24	59.40	62.64

Header Set Includes: 1ea. Header -4 ea. TA-6 Corner Pieces. Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - Casing Both Sides. Includes casing and corners if applicable.

- Consult factory for availability

1 3/8" Side Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

LIST PRICES

COMPLETE SETS

HEADER WIDTHS 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" x 6'8" HIGH 1 3/8" x 1 3/4" COMMUNICATING FRAME 235 - 340 HINGE PREPARATION - BRN,WTW						
40	45	47	50	53	65	67
128.96	128.96	134.06	134.06	136.94	•	•

Complete Set Includes: 1ea. Header -2 ea. Jambs (Uprights)4 ea. Silencers - 2 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - 4 ea. TA-6 Corner Pieces. Casing both sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

LIST PRICES

COMPONENTS

UPRIGHTS ONLY

6'8" x 1 3/8" x 1 3/4" COMMUNICATING FRAME 235 - 340 HINGE PREPARATION - BRN,WTW						
40	45	47	50	53	65	67
97.36	97.36	100.54	100.54	102.56	•	•

HEADERS ONLY

HEADER WIDTHS 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" COMMUNICATING 1 3/8" x 1 3/4" - BRN,WTW						
40	45	47	50	53	65	67
31.60	31.60	33.52	33.52	34.38	•	•

Header Set Includes: 1ea. Header -4 ea. TA-6 Corner Pieces. Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 4 ea. Silencers - 2 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - Casing Both Sides. Includes casing and corners if applicable.

For 1 3/4" both sides or 1 3/8" both sides Communicating Frames must be "C" Series - See price page 11 & 12. Frames smaller than 4 5/8" not available in 1 3/4" both sides.

NOTE: Testing has resulted in greater sound control using a 1 3/8" x 1 3/4" door combination.

- Consult factory for availability

1 3/8" Side Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

LIST PRICES

COMPLETE SETS

HEADER WIDTHS 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" x 6'8" HIGH
1 3/8" x 1 3/4" COMMUNICATING FRAME 235 - 340 HINGE PREPARATION - BRN,WTW

40	45	47	50	53	65	67
144.28	144.28	150.98	150.98	158.32	204.28	212.26

Complete Set Includes: 1ea. Header -2 ea. Jambs (Uprights)4 ea. Silencers - 2 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - 4 ea. TA-6 Corner Pieces. Casing both sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

LIST PRICES

COMPONENTS

UPRIGHTS ONLY

6'8" x 1 3/8" x 1 3/4" COMMUNICATING FRAME 235 - 340 HINGE PREPARATION - BRN,WTW

40	45	47	50	53	65	67
108.18	108.18	112.48	112.48	118.78	153.42	157.30

HEADERS ONLY

HEADER WIDTHS 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6"
COMMUNICATING 1 3/8" x 1 3/4" - BRN,WTW

40	45	47	50	53	65	67
36.10	36.10	38.50	38.50	39.54	50.86	54.96

Header Set Includes: 1ea. Header -4 ea. TA-6 Corner Pieces. Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 4 ea. Silencers - 2 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - Casing Both Sides. Includes casing and corners if applicable.

For 1 3/4" both sides or 1 3/8" both sides Communicating Frames must be "C" Series - See price page 11 & 12. Frames smaller than 4 5/8" not available in 1 3/4" both sides.

NOTE: Testing has resulted in greater sound control using a 1 3/8" x 1 3/4" door combination.

- Consult factory for availability

1 3/8" Frame Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

LIST PRICES

Maximum Width 9' 8"

Maximum Height 10' 1"

HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" x 6'8" HIGH
SINGLE FRAME FOR 1 3/8" OR 1 3/4" DOORS - 235 OR 340 HINGE PREPARATION - BRN,WTW

*2 3/8" - 3 1/4"	3 3/8" - 3 3/4"	3 7/8" - 5"	5 1/8" - 5 3/8"	5 1/2" - 6"	6 1/8" - 6 5/8"	6 3/4" - 7 1/2"	7 5/8" - 8"	8 1/8" - 9"	9 1/8" - 9 7/8"+
*128.42	131.20	134.72	139.80	158.52	184.56	201.44	221.56	255.44	280.98

HEADER WIDTHS 4'0", 5'0", 5'4", 6'0" x 6'8" HIGH
PAIR FRAME FOR 1 3/8" OR 1 3/4" DOORS 435 OR 640 HINGE PREPARATION - BRN,WTW

*2 3/8" - 3 1/4"	3 3/8" - 3 3/4"	3 7/8" - 5"	5 1/8" - 5 3/8"	5 1/2" - 6"	6 1/8" - 6 5/8"	6 3/4" - 7 1/2"	7 5/8" - 8"	8 1/8" - 9"	9 1/8" - 9 7/8"+
*150.26	153.52	157.62	163.56	185.44	215.94	235.68	259.22	298.86	328.74

COMMUNICATING FRAMES

1 3/8" Side Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

HEADER WIDTHS 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" x 6'8" HIGH
**** COMMUNICATING FRAME FOR 1 3/8" OR 1 3/4" DOORS OR 235 - 340 HINGE PREPARATION - BRN,WTW**

*2 3/8" - 3 1/4"	3 3/8" - 3 3/4"	3 7/8" - 5"	5 1/8" - 5 3/8"	5 1/2" - 6"	6 1/8" - 6 5/8"	6 3/4" - 7 1/2"	7 5/8" - 8"	8 1/8" - 9"	9 1/8" - 9 7/8"+
•	•	•	157.00	175.70	201.76	218.64	238.76	272.64	298.18

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - 4 ea. TA-6 Corner Pieces. Casing Both Sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

**For 1 3/8" both sides or 1 3/4" both sides Communicating frames, add \$20.70 list to complete set price. Smallest size available for 1 3/4" both sides = 4 5/8" for 1 3/8" both sides = 4".

NOTE: + Custom frames are available to 13" width. Consult factory for pricing.

* Available as Single Rabbet Frame only, 2 3/8" - 3 1/4". Cannot be fire rated.

Smallest 1 3/4" frame available = 2 3/4". Smallest 1 3/8" frame available = 2 3/8".

Wall sizes available in 1/8" increments.

- Not Available



Custom Frame Width (press brake) Components 18 ga. C Series 1 3/8" or 1 3/4"

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

1 3/8" Frame Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

LIST PRICES

Maximum Width 9' 8"

Maximum Height 10' 1"

UPRIGHTS ONLY

6'8" x 1 3/8" OR 1 3/4" SINGLE SWING FRAME - 235 OR 340 HINGE PREPARATION - BRN,WTW

*2 3/8" - 3 1/4"	3 3/8" - 3 3/4"	3 7/8" - 5"	5 1/8" - 5 3/8"	5 1/2" - 6"	6 1/8" - 6 5/8"	6 3/4" - 7 1/2"	7 5/8" - 8"	8 1/8" - 9"	9 1/8" - 9 7/8" +
*89.90	91.84	94.30	97.86	110.96	128.80	141.00	155.10	178.80	196.68

6'8" x 1 3/8" OR 1 3/4" PAIR FRAME - 435 OR 640 HINGE PREPARATION - BRN,WTW

*2 3/8" - 3 1/4"	3 3/8" - 3 3/4"	3 7/8" - 5"	5 1/8" - 5 3/8"	5 1/2" - 6"	6 1/8" - 6 5/8"	6 3/4" - 7 1/2"	7 5/8" - 8"	8 1/8" - 9"	9 1/8" - 9 7/8" +
*105.18	107.46	110.34	114.50	129.80	151.16	164.98	181.46	209.20	230.12

HEADERS ONLY

HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" - BRN,WTW

*2 3/8" - 3 1/4"	3 3/8" - 3 3/4"	3 7/8" - 5"	5 1/8" - 5 3/8"	5 1/2" - 6"	6 1/8" - 6 5/8"	6 3/4" - 7 1/2"	7 5/8" - 8"	8 1/8" - 9"	9 1/8" - 9 7/8" +
*38.52	39.36	40.42	41.94	47.56	55.36	60.44	66.46	76.64	84.30

HEADER WIDTHS 4'0", 5'0", 5'4", 6'0" - BRN,WTW

*2 3/8" - 3 1/4"	3 3/8" - 3 3/4"	3 7/8" - 5"	5 1/8" - 5 3/8"	5 1/2" - 6"	6 1/8" - 6 5/8"	6 3/4" - 7 1/2"	7 5/8" - 8"	8 1/8" - 9"	9 1/8" - 9 7/8" +
*45.08	46.06	47.28	49.06	55.64	64.78	70.70	77.76	89.66	98.62

NOTE: + Custom frames are available to 13" width. Consult factory for pricing.

* Available as Single Rabbet Frame only, 2 3/8" - 3 1/4". Cannot be fire rated.

Header Set Includes: 1ea. Header -4 ea. TA-6 Corner Pieces. Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 4 ea. Silencers - 2 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23) - Casing Both Sides. Includes casing and corners if applicable.

LIST PRICES			COMPLETE SETS			Maximum Width & Height 8' 0"		
54A = 3 3/4" - 5 1/2"			73A = 5 5/8" - 7 3/8"			91A = 7 1/2" - 9 1/8"		
HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6"						HEADER WIDTHS 4'0", 5'0", 5'4", 6'0"		
6'8"x 1 3/4" SINGLE SWING FRAME 340 HINGE PREPARATION - BRN,WTW						6'8"x 1 3/4" PAIR FRAME 640 HINGE PREPARATION - BRN,WTW		
54A	73A	91A				54A	73A	91A
201.66	213.74	231.64				238.88	253.16	273.10

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See add Page 23) - 4 ea. TA-6 Corner Pieces. Casing Both Sides. Headers Packed Separately From Uprights. Includes casing and corners if applicable.

LIST PRICES			COMPONENTS		
UPRIGHTS ONLY					
6'8"x 1 3/4" SINGLE SWING FRAME 340 HINGE PREPARATION - BRN,WTW			6'8"x 1 3/4" PAIR FRAME 640 HINGE PREPARATION - BRN,WTW		
54A	73A	91A	54A	73A	91A
159.34	168.90	182.74	177.52	187.08	200.92

HEADERS ONLY					
HEADER WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" - BRN,WTW			HEADER WIDTHS 4'0", 5'0", 5'4", 6'0" - BRN,WTW		
54A	73A	91A	54A	73A	91A
42.32	44.84	48.90	61.36	66.08	72.18

Header Set Includes: 1 ea. Header -4 ea. TA-6 Corner Pieces - Casing Both Sides.

Upright Set Includes: 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, or Zincrome Finish (For Other Finishes, See Add Page 23). Casing Both Sides. Includes casing and corners if applicable.

LIST PRICES

Single Header Parts 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6" - BRN,WTW

Door Side	54A Closure	73A Closure	91A Closure
24.56	17.76	20.28	24.34

Pair Header Parts 4'0", 5'0", 5'4", 6'0"- BRN,WTW

Door Side	54A Closure	73A Closure	91A Closure
35.58	25.78	30.50	36.60

Hinge Sides 6'8" Parts- BRN,WTW

Hinge Door Side	54A Hinge Closure	73A Hinge Closure	91A Hinge Closure
56.90	31.86	36.64	43.56

Strike Sides 6'8" Parts- BRN,WTW

Strike Door Side	54A Strike Closure	73A Strike Closure	91A Strike Closure
38.72	31.86	36.64	43.56

LIST PRICES

1 3/8" Frame Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

SINGLE SWING 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6"
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES -340
OR FOR ONE PAIR 3 1/2" x 3 1/2" HINGES -235

22	27	34	36	40	45	47	50	53	65	67
•	•	1025.60	1025.60	1025.60	1025.60	1051.96	1051.96	1104.78	1236.92	1263.26

DOOR PAIRS 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0",
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES EACH SIDE - 640 PAIR
OR FOR ONE PAIR 3 1/2" X 3 1/2" HINGES EACH SIDE - 435 PAIR

22	27	34	36	40	45	47	50	53	65	67
•	•	1210.18	1210.18	1210.18	1210.18	1241.34	1241.34	1303.70	1459.56	1490.74

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike -
Choice of Brass, Bronze, Zincrome, Oil Rubbed Bronze, or Bright Chrome finish. 4 ea. TA-6 Corner
Pieces. Casing both sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

- Consult factory for availability

LIST PRICES

1 3/8" Frame Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

SINGLE SWING 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6"
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES - 340
OR FOR ONE PAIR 3 1/2" x 3 1/2" HINGES - 235

22	27	34	36	40	45	47	50	53	65	67
•	•	1156.96	1156.96	1156.96	1156.96	1186.44	1186.44	1245.66	1393.44	1423.04

DOOR PAIRS 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0"
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES EACH SIDE - 640 PAIR
OR FOR ONE PAIR 3 1/2" X 3 1/2" HINGES EACH SIDE - 435 PAIR

22	27	34	36	40	45	47	50	53	65	67
•	•	1365.26	1365.26	1365.26	1365.26	1400.08	1400.08	1469.86	1781.34	1679.34

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike -
Choice of Brass, Bronze, Zincrome, Oil Rubbed Bronze, or Bright Chrome finish. 4 ea. TA-6 Corner
Pieces. Casing both sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

- Consult factory for availability



20 ga. E series Bright Solid Brass Complete Sets 1 3/8" or 1 3/4"

10241 NORRIS AVE. ♦ PACOIMA, CALIFORNIA 91331-2292 ♦ (818) 492-3500

Effective March 2007

LIST PRICES

1 3/8" Frame Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

SINGLE SWING 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6"
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES - 340
OR FOR ONE PAIR 3 1/2" x 3 1/2" HINGES - 235

22	27	34	36	40	45	47	50	53	65	67
•	•	1162.82	1162.82	1162.82	1162.82	1188.52	1188.52	1239.78	•	•

DOOR PAIRS 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0"
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES EACH SIDE - 640 PAIR
OR FOR ONE PAIR 3 1/2" X 3 1/2" HINGES EACH SIDE - 435 PAIR

22	27	34	36	40	45	47	50	53	65	67
•	•	1200.44	1200.44	1200.44	1200.44	1226.92	1226.92	1279.86	•	•

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike - Choice of Brass, Bronze, Zincrome, Oil Rubbed Bronze, or Bright Chrome finish. 4 ea. TA-6 Corner Pieces. Casing both sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

- Consult factory for availability

For fire rated frames use Bright Brass Plated Finish.

LIST PRICES

1 3/8" Frame Standard 1/4" Radius or on Request 5/8" Radius Hinge Emboss

SINGLE SWING 6'8" WIDTHS 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6"
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES - 340
OR FOR ONE PAIR 3 1/2" x 3 1/2" HINGES - 235

22	27	34	36	40	45	47	50	53	65	67
•	•	587.74	587.74	587.74	587.74	598.56	598.56	626.08	•	•

DOOR PAIRS 6'8" WIDTHS 4'0", 5'0", 5'4", 6'0"
PREPARED FOR ONE AND ONE HALF PAIR 4" x 4" HINGES EACH SIDE - 640 PAIR
OR FOR ONE PAIR 3 1/2" X 3 1/2" HINGES EACH SIDE - 435 PAIR

22	27	34	36	40	45	47	50	53	65	67
•	•	691.30	691.30	691.30	691.30	703.96	703.96	736.56	•	•

Complete Set Includes: 1 ea. Header - 2 ea. Jambs (Uprights) - 2 ea. Silencers - 1 ea. 2 3/4" T-Strike -
Choice of Brass, Bronze, Zincrome, Oil Rubbed Bronze, or Bright Chrome finish. 4 ea. TA-6 Corner
Pieces. Casing both sides. Headers Packed Separately from Uprights. Includes casing and corners if applicable.

- Consult factory for availability

Fire rated up to 90 min.

LIST PRICES

HARDWARE PREPARATION

	Add per Frame
Additional Hinge emboss (per emboss)	2.90
4 1/2" Hinge emboss instead of standard 4" emboss	4.90
4 7/8" ASA strike emboss (includes tapped screw holes) - strike not included - 1 3/4" side only	3.60
Extra 2 3/4" "T" strike emboss (TA-1 not included)	2.90
Deadbolt strike emboss (TA-3 not included)	2.90
Delete strike emboss	N/C
*Electric strike preparation (consult factory for other types) Includes casing cutout if applicable.	72.60
3 hole punch for rubber silencers (silencers not included) - hole diameter is 9/32"	6.00
Deadbolt strike in lieu of standard T-Strike (includes TA-3 Strike Plate)	N/C
Threshold preparation (consult factory for type) Adjustable frames only	7.08
1" diameter hole prep for strike or in hinge for electric hinge	20.10
Reversible flushbolt factory prep	3.60
Trim emboss (regular arm closer or door guard)(prep on TA-30 casing)	7.76
Factory applied Mullion Bracket (CONSULT FACTORY FOR LIMITATIONS)	30.00
Installation of TA-12 Closer Reinforcement Bracket	7.76
Pocket Strike emboss. Quantity: 25, (if under 25, add set-up of 50.00)	5.00
4 7/8" ASA VIN Auto Deadbolt Strike Prep. (Strike not included) Quantity: 25, (If under 25, add set-up of 50.00)	3.60

*Frame must be priced as Press Brake

SPECIAL WIDTHS & HEIGHT

	S-SERIES C-SERIES	ELITE E SERIES	ADJ. A SERIES	SET-UP CHARGE
Widths				
For 4/0 Header Widths (add to 3/6 single swing price)	4.90	20.20	11.00	N/C
Non Standard Header Widths to 3/6 (add to 3/6 price)	4.90	20.20	11.00	48.40
Non Standard Header Widths between 3/6 to 4/0 (add to 3/6 price)	4.90	20.20	11.00	48.40
Non Standard Header Widths between 4'0" to 5'0"	9.70	60.50	11.00	48.40
Non Standard Header Widths between 5'0" to 6'0"	14.50	100.80	14.50	48.40
Non Standard Header Widths between 6'0" to 7'0"	19.30	141.20	19.30	48.40
Non Standard Header Widths between 7'0" to 8'0"	24.20	181.50	24.20	48.40
Non Standard Header Widths between 8'0" to 9'0"	29.10	221.80	.	48.40
Non Standard Header Widths between 9'0" to 10'0"	34.00	*265.50	.	48.40
Non Standard Header Widths over 10'1" add per foot to 10'1"	4.90	.	.	48.40
Heights				
For 6'9" (price as 6/8 and add)	N/C	N/C	N/C	N/C
For 7'0" (price as 6/8 and add)	9.70	26.90	12.40	N/C
For 7'10" (price as 6/8 and add)	19.56	94.10	29.00	N/C
For 8'0" (price as 6/8 and add)	19.56	107.60	40.10	N/C
For 8'10" (price as 6/8 and add)	39.14	188.20	.	96.70
Non Standard Height to 6'8"	N/C	N/C	N/C	96.70
Non Standard Height to 7'0" (price as 6/8 and add)	9.70	26.90	12.40	96.70
Non Standard Height between 7'0" to 7'6" (price as 6/8 and add)	21.80	67.20	29.00	96.70
Non Standard Height between 7'6" to 8'0" (price as 6/8 and add)	21.80	107.60	29.00	96.70
Non Standard Height between 8'0" to 9'0" (price as 6/8 and add)	43.50	188.20	.	96.70
Non Standard Height between 9'0" to 10'1" (price as 6/8 and add)	65.30	275.60	.	145.10
Non Standard Height over 10'1" add per foot to 10'1" price	21.80	67.20	.	145.10

Special Hardware Location

Non Standard Hinge Locations	48.40
Non Standard Strike Locations	48.40
Timely Dutch Frame Preparation - (includes charge for extra hinge emboss)	52.60

Set - Up Charges

**Single Borrowed Lite or Borrowed Lite Uprights	50.00
**Fullbound Access - (Fullbound w/door)	50.00

All set-up charges waived for 50 or more frames of the same size and preparation.

All set-up charges are calculated per frame profile, per frame specification per gauge.

Maximum of two set-up charges for individual frame.

Bulk Pack - Available only on Prime EG finish (Minimum 36 frames)

Bulk Pack - Complete frame	deduct 4.70
Bulk Pack - Uprights	deduct 3.30
Bulk Pack - Headers	deduct 1.40

SPECIAL PALLETIZING CHARGE

(For Less than 36 frames per pallet)	65.22
Repalletization charge	65.22

• Not available

* Limited to 9'8" net

** Set-up charge waived for 24 or more borrowed lite or borrowed lite uprights and fullbound access of the same size and preparation.

LIST PRICES

PERIMETER OPTIONS*

<u>Order Description</u>	<u>How Frame Will Be Manufactured</u>	<u>Deduct (per Lineal Foot)</u>	
		Standard	Elite
No Casing or Nail Holes and Oval Slots or Nail Holes Only or Blank	Oval Slots, Nail Holes & Clips Oval Slots & Nail Holes Nail Holes Only Completely Unpunched	.36 .36 .36 .36	2.00 2.00 2.00 2.00

* Choose one option only

MARKING CHARGES

A charge of \$1.00 per carton, or \$2.00 per complete set will be added to orders requiring markings that are in addition to or require changing of our standard markings. Marking list provided by factory must be completed by dealer and returned to us.

PACKAGING ACCESSORIES WITH FRAMES

Use the following price list add for packaging accessories with the frames.

	List
1 TA-1 Strike or TA-5 Silencers in Header or Upright Carton	N/C
1 Pr 3 1/2" Hinge in Header Carton	.62
1 1/2 Pr 3 1/2" Hinge in Header Carton	.90
1 1/2 Pr 4" Hinge in Header Carton	.62
1 1/2 Pr 4 1/2" Hinge in Header Carton	.62
2 Pr 4" or 4 1/2" Hinge in Header Carton	.90
1 Ea TA-1 Strike w/1 Deadbolt and/or Filler Plate in Header or Upright Carton	.62
Closer Reinforcement in Header Carton	1.02
Closer Reinforcement w/1 TA-1 in Header Carton	1.44 ea
Casing Retainer Clips in Header or Upright Carton	.62 ea
Weather Stripping Applied to Frame	2.42 Per Lin Ft
Weather Stripping Cut & Pkg Headers 1-0 thru 4-11	.42 ea
Uprights 5-0 thru 9-0	.82 ea
Applying Custom Printed Labels to End of Frame Boxes -2 labels required per box for each end.	.62 ea

PRE-CUT GLASS STOP

Glass stop cut to size	2.00 per cut
Glass stop set-up charge (under 25 openings of same size)	100.00 ea

SINGLE SWING FRAMES

	Maximum Opening Size		Wall Size		Frame Series	Add Per Label
	Width	Height	Min.	Max.		
*20 Min.	4/0	10/0	3 3/8"	13"	C	7.00
45 Min. 'C' Label	4/0	9/0	3 3/8"	13"	SCA** E	7.00
90 Min. 'B' Label	4/0	9/0	3 3/8"	13"	SCA** E	16.10

* Negative Pressure only.

** Maximum opening for Adjustables 4/0 x 8/0

FULL BOUND WITH DOOR

	Maximum Opening Size		Wall Size		Frame Series	Add Per Label
	Width	Height	Min.	Max.		
45 Min. 'C' Label	4/0	5/0	3 3/4"	13"	SCE	7.00
90 Min. 'B' Label	4/0	5/0	3 3/4"	13"	C	16.10

PAIR FRAMES

	Maximum Opening Size		Wall Size		Frame Series	Add Per Label
	Width	Height	Min.	Max.		
20 Min.	For 20 Min. Pair, use C Label Requirements.					
45 Min. 'C' Label	8/0	9/0†	3 3/8"	13"	SC E	11.70
90 Min. 'B' Label	8/0	9/0†	3 3/8"	13"	SC E	23.00

NOTES: † Openings over 6/0 wide to 8/0 wide are limited to 8/0 height.

ADJUSTABLE PAIR FRAMES

	Maximum Opening Size		Wall Size		Frame Series	Add Per Label
	Width	Height	Min.	Max.		
45 Min. 'C' Label	8/0	8/0	3 3/4"	9 1/8"	A	11.70
90 Min. 'B' Label	8/0	8/0	3 3/4"	9 1/8"	A	23.00

SIDELITE, BORROWED LITE AND GLAZED TRANSOMS "S" or "C" GAUGE

Wood casing permitted on sidelites or borrowed lites for 20 Min. without vertical or horizontal mullions in glass area.

Glass Stop Size	Rating	Max Assembly Size 10'1" W x 10'1" H		Wall Size		Max Glass Area	Add Per Label
		Width	Height	Min.	Max.		
1/2"	45 Min.	24"	107"	3 3/8"	13"	*2568 Sq. In.	7.00
**1/2"	45 Min.	36"	54"	3 3/8"	13"	1296 Sq. In.	7.00
No Stop							
3/4"	45 Min.	36"	54"	3 3/8"	13"	1296 Sq. In.	7.00
Glass Stop Size	Rating	Max Assembly Size		Wall Size		Max Glass Area	
		Mullions Not Permitted					
		Width	Height	Min.	Max.		
1/2"	20 Min.	36"	36"	3 3/8"	13"	1296 Sq. In.	7.00
***1/2"	†60 Min.	36"	36"	3 3/8"	13"	1296 Sq. In.	16.10

† Negative Pressure only.

Do not exceed maximum assembly size.

* Most building codes limit glass area to 1,296 sq. in. Do not exceed 1,296 sq. in. without verifying with local code authorities prior to specifying or ordering.

** Must be caulked using 100% Pure Silicone Sealant.

*** Must use Firelite glazing and install in a 5/8" wide glazing recess with 100% Pure Silicone Sealant.

All ratings cover positive or negative pressure except where indicated.

WARNOCK HERSEY INC. LABELING SERVICE

Distributors of Timely Frames may be approved to purchase labels and apply them to frames at their own facility. Warnock Hersey has set guidelines and a fee schedule for this program. Requirements and prices are available from Timely or Warnock Hersey Inc.

GENERAL INFORMATION

All ratings are usable for steel stud, wood stud, or masonry construction (Steel sub-buck).

When using a wood sub-buck in place of Timely's metal insert for masonry construction, drywall must be used on both sides.

Single frames not prepared for strikes must use TA-12 rim panic strike reinforcement.

Fire ratings not approved for deadbolt strike only.

Reinforcements are required when using door closers to maintain fire rating.

Fire ratings not approved for 1 3/8" frames.

All ratings approved for category "A" and "B" doors with category "G" edge sealing.

Solid brass not rated.

LIST PRICES

STANDARD COLORS

Price as standard Browntone and add per Lineal Foot	Per Lineal Foot
Prime EG	N/C
Western White	N/C
Autumn Brown52
Black52
Stone Gray52
Alumatone52

ADJUSTABLE FRAME COLORS

Price as standard Western White, Browntone Powder Coat and add per lineal foot	Per Lineal Foot
Browntone Powder Coat	N/C
Black Powder Coat52
Prime Coat	N/C
Western White Powder Coat	N/C
Prime EG	N/C
Electro Galvanized	N/C

ELECTRO GALVANIZED (as a base under our finish coat)

	Per Lineal Foot
1. Required for use where frames will be exposed to marine air, high humidity or a corrosive environment42

CUSTOM COLORS

No. of Frames	Method	Set-Up Charge	Per Lineal Foot
1 - 20	Post-Paint	286.98	3.68
21 - 100	Post-Paint	N/C	3.40
101 - 250	Post-Paint	N/C	3.10

Over 250 frames per wall size. Contact factory.

For custom colors other than our pre-match colors, use prices above and add an additional color match charge of 390.00 list. Custom color touch up paint available in lot quantities of 6 cans each only.

MULLIONS

When pricing mullions, double your lineal foot prices above.

LIST PRICES

TIMELY ACCESSORIES

Part No.		List Price
TA-1	Adjustable Strike (includes silencers and screws)	
	Brass, Bronze, Zincrome	2.86 ea
	Oil Rubbed Bronze or Antique Brass	3.64 ea
	Bright Chrome, Bright Brass	16.56 ea
	If purchased with frame	
	Brass, Bronze or Zincrome	No extra charge
	Oil Rubbed Bronze or Antique Brass	add .78 ea
	Bright Chrome or Bright Brass	add 8.74 ea
TA-2	Strike Filler Plate - Zinc Plated, with Screws	2.58 ea
TA-3	Deadbolt Strike (includes screws)	
	Brass, Bronze or Zincrome	2.58 ea
	Oil Rubbed Bronze or Antique Brass	2.80 ea
	Bright Chrome or Bright Brass	10.64 ea
TA-4	Storage Hasp - Zinc Plated (includes 1 pr. with screws)	5.32 pair
TA-5	Silencer - Polyurethane (2 per frame required)	.26 ea
TA-6	Casing Corner Piece - Browntone, Black, Autumn Brown, Alumatone, Western White, Stone Gray (4 per package)	5.44 pkg
TA-7	Casing Clip	See TA-18
TA-8	1 7/16" Steel Casing - Browntone, Black, Autumn Brown, Stone Gray, Western White, Alumatone	1.02 /lin ft
TA-9	Touch-Up Paint - Browntone, Black, Western White	15.60 ea can
	Per Case (12 ea.)	187.20 case
	Gallon	218.48 gal
	Quart	90.00 qt
TA-9	Touch-Up Paint - Autumn Brown, Stone Gray, or Alumatone	29.90 ea can
	Per Case (12 ea.)	358.76 case
	Gallon	218.48 gal
	Quart (Alumatone not available)	90.00 qt
TA-10	Closer Reinforcement Bracket - Aluminum	9.08 ea
TA-10A	Closer Reinforcement Bracket - Aluminum (Used with TA-35 Casing)	9.08 ea
TA-10M	Closer Reinforcement Bracket - Aluminum (Used with electric casing cutout)	30.00 ea
TA-11	14 ga. Hinge Reinforcement Bracket - Galvanized (specify 3 1/2", 4", or 4 1/2")	2.58 ea

LIST PRICES

TIMELY ACCESSORIES

Part No.		List Price
TA-12	Parallel Arm Closer Reinforcement Bracket - Galvanized	16.92 ea
TA-13	Sample Package - Includes: 4 1/2" emboss and ASA strike emboss. Trim options available. Browntone, Black, Alumatone, Western White, Autumn Brown, Stone Gray	57.60 ea
TA-13A	Adjustable Frame Sample - Browntone, Western White	78.34 ea
TA-13C	Comer Sample - Western White or Browntone	260.86 ea
TA-13M	Mullion T-Section Sample - Black	260.86 ea
TA-13SC	Salesman's Sample Case - Includes: TA-13, TA-13C, TA-13M, TA-1, TA-3, TA-6, TA-10, TA-12, TA-21, TA-24, TA-35, and cleaner	420.00 ea
TA-13T	Table Top Display (one frame included, available in standard colors) (47 wall only) Door, hinges & lockset supplied by others	300.00 ea
TA-14*	1/2" Glass Stop - 10'1" or 12'1" Lengths with Screws - per carton (12 pcs.) Browntone, Black, Autumn Brown, Stone Gray, Alumatone, Western White, Prime EG Less than full carton	235.56 ctn = 10'1" 282.28 ctn = 12'1" 19.64 ea pc = 10'1" 23.54 ea pc = 12'1"
TA-14F*	3/4" Glass Stop - 10'1" or 12'1" Lengths with Screws - per carton (6 pcs.) Browntone, Black, Autumn Brown, Stone Gray, Alumatone, Western White, Prime EG Less than full carton	142.60 ctn = 10'1" 170.88 ctn = 12'1" 23.78 ea pc = 10'1" 28.48 ea pc = 12'1"

* For pre-cut see page 20

LIST PRICES

TIMELY ACCESSORIES

Part No.		List Price
TA-15N	Mullion Bracket (One set per pkg. Requires 1 pkg per end) (1 ea 1 3/4", 1 ea 1 3/8")	5.44 pkg
TA-15A	Adjustable Mullion Bracket (One set per pkg. Requires 1 pkg per end for No Stop)	4.30 pkg
TA-15F	Floor Anchor Bracket (Specify Frame Depth)	42.00 ea
TA-16	Header Template	N/C
TA-17	Deadbolt Strike Filler Plate - Browntone, Black, Alumatone, Western White, Autumn Brown, Stone Gray, Prime EG, Stainless Steel or Bright Brass (includes plate & screws)	2.58 ea
TA-18	Casing Retainer Clip (pkg. of eleven and includes screws)	5.30 pkg
TA-19	Glass Stop Screws 6 x 1" Tek (72 per pkg.) Specify Zincrome, Black, Zinc, Stone Gray, Statuary Bronze Alumatone or Western White, (for 1/2" stop)	6.60 (pkg 60) 8.00 (pkg 72)
TA-19F	Glass Stop Screws 6 x 1 1/4" Tek (72 per pkg.) Specify Zincrome, Black, Zinc, Statuary Bronze (for 3/4" stop)	10.20 (pkg 60) 12.24 (pkg 72)
TA-20	Strike Screws - 8 - 32 x 3/8" Self Tapping (Brass, Bronze, Zincrome, Oil Rubbed Bronze) Strike Screws - 8 - 32 x 3/8" Self Tapping (Bright Chrome, Antique Brass)	7.78 /C 10.60 /C
TA-21	Floral Rosette for TA-8 Casing - Primer, Western White. For custom colors, contact factory. 4 per package, (screws and installation instructions included.)	12.27
TA-22	Saturn Rosette for TA-8 Casing - Primer, Western White. For custom colors, contact factory. 4 per package, (screws and installation instructions included.)	12.27
TA-23	1 17/32" Aluminum Casing	<u>See Page 27</u>
TA-24	Corner Piece for Aluminum Casing	3.10 ea
TA-25	Multipurpose Hardware Reinforcement - Galvanized	15.78 ea
TA-26	Miter Paint Stick - White	3.00 ea
TA-27	Header Alignment Tab (Specify Frame Depth)	.30 ea
TA-28	1 25/32" Aluminum Casing	<u>See Page 27</u>
TA-29FT	Factory Tour Video	27.00 ea
TA-29PT	PEC Performance Test Video	27.00 ea
TA-29HP	Hydro-Press Video	27.00 ea
TA-29MV	M.O.D. - Manually Operated Die Video	27.00 ea

LIST PRICES

TIMELY ACCESSORIES

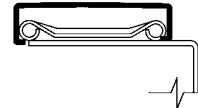
Part No.		List Price
TA-30	1 3/4" Colonial Steel Casing	<u>See Page 27</u>
TA-31N	Casing Corner Piece - Browntone, Black, Alumatone, Autumn Brown, Western White, Stone Gray, (used with TA-30)(4 per pkg)	5.44 /pkg
TA-35	1 15/16" Colonial PVC Casing	<u>See Page 27</u>
TA-35A & B	PVC Casing Corner Drill Fixture	976.74 ea
TA-40	Reversible Flushbolt Strike (includes screws) - Browntone, Black, Alumatone, Autumn Brown, Western White, Stone Gray, Prime EG, Stainless Steel, Bright Brass	3.08 ea
	For custom color	4.06 ea
TA-41	Glass Stop Dimpler Tool	3.88 ea
TA-42	Reversible Flushbolt Filler Plate (includes screws) - Browntone, Black, Alumatone, Autumn Brown, Western White, Stone Gray, Prime EG, Stainless Steel, Bright Brass	3.08 ea
	For custom color	4.06 ea
TA-50	Intumescent Gasket	<u>See Page 29</u>
TA-51	Silicon Gasket	<u>See Page 30</u>
TA-60	#8 x 1/2" Phil. Head Tek screw (mullions and bracket assembly) (100 net per pkg)	18.60 /pkg
TA-68	#7 x 1-5/8" Phil. Trim Head needlepoint screw (Used with TA-35 Trim) (pkg of 4)	.64 /pkg
TA-69	6 x 1/2" pancake head sharppoint black screw (pkg of 40) requires 2 per foot	2.64 /pkg
TA-70	1 3/8" Roller latch strike plate - Brass, Zincrome	2.58 ea
TA-71	1 3/4" Roller latch strike plate - Brass, Zincrome	2.58 ea

LIST PRICES

ALL PRICES ARE BASED ON PURCHASING WITH FRAME. COMPUTE STANDARD FRAME PRICE AND ADD PRICES SHOWN BELOW. FOR PARTIAL FOOT QUANTITIES, ALWAYS ROUND TO THE NEXT HIGHEST FOOT. DO NOT DEDUCT FOR STEEL CASING, PRICE PER FOOT ALREADY HAS DEDUCTION INCLUDED.

ELITE CASING TA-8 = 1 7/16"

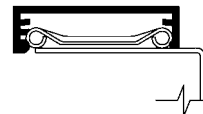
(Maintains 1/4" Reveal)
430 Bright Annealed Stainless Steel
304 #4 Brushed Stainless Steel
Bright Solid Brass
Bright Brass Plated



3.40 per lin ft.
4.06 per lin ft.
8.22 per lin ft.
3.66 per lin ft.

ALUMINUM CASING TA-23 = 1 17/32"

(Maintains 1/4" Reveal)
Painted Black, Painted Browntone, Clear Anodized or Mill
(Consult factory for additional finishes)

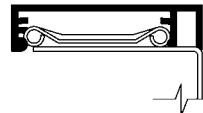


Ordered
with Frame
2.25 per lin ft.

Ordered
without frame
2.40 per lin ft.

ALUMINUM CASING TA-28 = 1 25/32" TA-28M = 2"

(Only available with 4 1/2" hinge emboss)
(ASA-Must use extended lip)
Painted Black, Painted Browntone, Clear Anodized or Mill
(Consult factory for additional finishes)



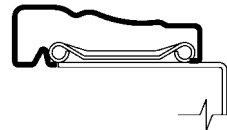
Ordered
with Frame
3.20 per lin ft.

Ordered
without frame
3.40 per lin ft.

COLONIAL STEEL CASING* TA-30 = 1 3/4"

(Maintains 1/4" Reveal)
Not available on mullions or sill

Painted Browntone, Black, Autumn Brown, Stone Gray,
Alumatone, Western White



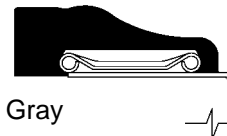
Ordered
with Frame
.30 per lin ft.

Ordered
without frame
1.32 per lin ft.

COLONIAL PVC CASING TA-35 = 1 15/16"

(Maintains 1/8" Reveal)
Not available on mullions or sill

Painted Browntone, Black, Western White, Autumn Brown or Stone Gray
(Consult factory for availability)



Ordered
with Frame
2.05 per lin ft.

Ordered
without frame
2.40 per lin ft.

*See page T-3 & 23

LIST PRICES *35% Restocking charge for cancelling orders on
all hinges except R35 and R40 Brass and Browntone*

STANDARD HINGES (per pair)

	US4 Brass	Browntone	US26D Dull Chrome
R35	5.40	6.82	17.88
R40	8.60	8.60	26.48

HYBRID - STEEL ENTRY DOOR (per pair)

(specify door manufacturer - contact factory for minimum order quantities and lead time)

R40H*	10.56	10.08	•
R40HS*	81.40	100.52	•

Non-Removable Pin (NRP)add 4.10 per pair

GENERAL INFORMATION

R Indicates Residential Weight - See Page A-8

35 Indicates 3 1/2" x 3 1/2"

40 Indicates 4" x 4"

* Add "S" for Spring Hinge, and "H" for Hybrid Hinge

3 1/2" Hinges standard 1/4" radius

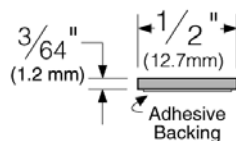
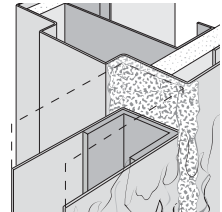
4" Hinges 1/4" radius

• Not available

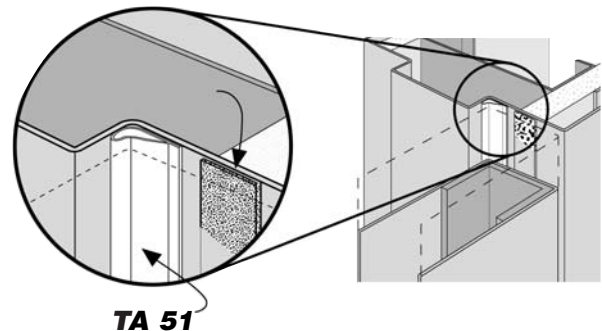
* Consult factory for availability

TA 50 (18') Intumescent Smoke Seal

- Helps prevent penetration of life threatening hot smoke and hot gases by expanding up to 40 times its original size, filling the gaps around the perimeter of the door.
- Chemically inert.
- Highly stable.
- Moisture resistant.
- Self sticking adhesive backing for easy application



- Can be painted to match any door jamb.
 - For use with either metal or wood doors & frames.
- 2 pieces @84" (213.4 cm)
1 piece @48" (121.9 cm)



Use in conjunction with TA 51 Silicon seal. (cold smoke seal)

TA-50 INTUMESCENT SMOKE SEAL

FIRE LABELED

TA-50 is listed and labeled for use on fire-rated door assemblies. Tested to meet the requirements of Standards UL10B, UL10C, UBC7.2 part 1 & BS476. This product has been approved for use on 20 minutes, 45 minute C-Label, 1 hour B-label and 1-1/2 hour B-label conditions. All products are continuously monitored by Warnock Hersey to ensure compliance to manufacturing specifications.

AIR INFILTRATION

Used in conjunction with TA-51 Silicon Seal, the TA-50 Hot Smoke Seal helps prevent penetration of life threatening hot smoke and hot gases by expanding up to 40 times its original size filling the gaps around the perimeter of the door.

APPEARANCE

The TA-50 features a high volume multi-directional expandable graphite. It is chemically inert, highly stable and moisture resistant. The seal can be painted to match any door jamb color. Dimensions: 1/2" (12.7mm) wide and 3/64"(1.2mm) high.

INSTALLATION

A self-sticking adhesive backing offers easy application for use on either metal or wood doors and frames.

List Price **HSS2000-18'** 43.00 **HSS2000-21'** 50.14

APPLICATION TIPS AND WARNINGS

(A) Don't stretch material. Product can retract or shrink if stretched. (B) Use very firm, perpendicular pressure when applying. Extra pressure required due to product weight and absence of re-compression. (C) Use wallpaper seam roller or screwdriver handle butt to reinforce adhesion after applying. Caution: Do not stretch material when using reinforcing roller or screwdriver butt. Run roller or butt with up and down motions. (D) Double check adhesion after 2-3 hours before leaving job overnight. (E) If smoke gasket or intumescent strip separates from frame, press again with firm pressure in place. NOTE: If adhesive strip is exposed, airborne dust may impede adhesion. Replacement may be necessary at this stage. (F) Note: Headers must be installed with equal pressure at jambs. Sometimes too little pressure is applied at header due to awkward overhead application.

LIST PRICES

TA-51 - The special slim design ensures a superior seal with the Timely System and other steel frames

Fire Rating -90 minute ratings tested in accordance with UL-10(B), UL-10(c), UBC7-2,Part 1, BS476:, ASTM E-152 and NFPA 252. Positive pressure.

Smoke Testing & Air Infiltration - Product has been successfully tested for smoke, positive pressure and draft control in accordance with ASTM E-283 and SDI 116. Performance evaluated in accordance with testing procedures defined by NFPA (National Fire Protection Association) 105-99UL 1784, UBC 7-2, Part 2 and BS476: Part 31, Section 31.1: 1. Sound tested to meet the requirements of ASTM E 90-90 and ASTM E1480-91. TA-51 meets or exceeds standards for infiltration of smoke and or drafts.

Appearance - TA-51 Fire-Rated Seals will not fade, have excellent memory and will not shrink.

Timely Colors - Browntone, Western White and Black. Clear*.

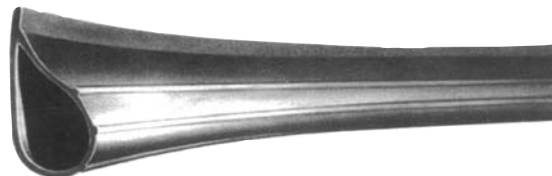
Installation - Easy to install. Its extreme pliability allows its use on tight fitting doors without causing binding.

Instructions:

1. Remove approximately 24" (610mm) of backing from the SiliconSeal™ strip. Be careful not to touch it with dirty or sweaty hands or drag the adhesive on the ground.
2. With the stabilizer flange pointing away from the stop, position the SiliconSeal.™ Without stretching it, press down each inch of length to activate all of the adhesive against the frame. The use of a hand roller is highly recommended.
3. Remove the next 24" (610 mm) of paper backing and repeat (2) until the entire length for a top or side is installed. Do not install as one continuous piece – cut the SiliconeSeal™ (with a cope or miter joint) at the corners where the top and sides meet.

PACKAGED SETS		BULK PRICING	
6-8 or 7-0 Single Swing	6-8 or 7-0 Pair	510 FOOT ROLL	630.44
<u>17' set</u> 27.38	<u>20' set</u> 32.16		

Factory applied gasket, price is per lineal foot 2.42



* 17', 20' and 24' lengths

Consult Factory for Special Applications and Large Quantities.

LIST PRICES

CASED OPENING - NO STOP

Use price page 34, cased opening w/casing no stop column for complete frames and uprights only. For headers only use price page 4 or 12 depending on wall size.

CASED OPENING - WITH STOP

Use price page 34-38, Jamb w/casing column

POCKET TRIM SET- Follow pocket kit instructions for installation. (Page I-8 - I-9)

It consists of two (2) pieces of J-trim for the pocket, two (2) pieces of J-trim for the header and one (1) piece of no-stop frame for the strike side of the opening for a single opening. Pair openings are available on request. Specify 1 3/8" or 1 3/4".

* Wall Size	"J" Trim Dimensions		Complete Set (3'0"x 7'0" door) BRN, WTW	"J" Trim (4 pcs. Req.) BRN, WTW	C.O. No Stop (1pc. Req.) BRN, WTW
	1 3/8" door	1 3/4" door			
4 1/2	1 3/8"	1 3/16"	135.58	3.86 lin.ft.	8.34 lin.ft.
4 5/8	1 7/16"	1 1/4"	135.58	3.86 lin.ft.	8.34 lin.ft.
4 3/4	1 1/2"	1 5/16"	141.78	4.10 lin.ft.	8.54 lin.ft.
4 7/8	1 9/16"	1 3/8"	141.78	4.10 lin.ft.	8.54 lin.ft.
5 3/8	1 13/16"	1 5/8"	148.72	4.30 lin.ft.	8.96 lin.ft.
6 5/8	2 7/16"	2 1/4"	160.40	4.52 lin.ft.	10.00 lin.ft.
6 7/8	2 9/16"	2 3/8"	165.14	4.68 lin.ft.	10.22 lin.ft.

* **MUST SPECIFY NET WALL SIZE**

Note: 4" is the minimum wallsize available

Pressbrake Pocket Trim Set Pricing

5 1/8 = 149.24	7 = 181.26	8 1/4 = 197.00
5 1/2 = 164.54	7 1/4c = 184.44	8 3/4 = 201.889
5 5/8 = 164.70	7 3/8 = 187.62	9 = 200.00
5 3/4 = 168.00	7 1/2 = 190.00	9 7/8 = 208.00
5 7/8 = 175.38	7 5/8 = 192.90	10 1/2 = 220.00
6 = 176.00	7 3/4 = 195.64	13" c = 279.20
6 1/4 = 178.00	7 7/8 = 196.24	

LIST PRICES

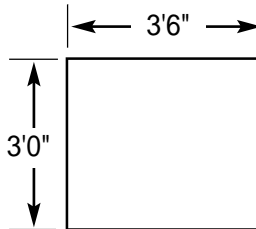
To determine price use lineal foot price on stick material pages.

To determine price for borrowed lite uprights only, see price page 33.

FACTORY BUILT BORROWED LITE FRAMES - GLASS STOP NOT INCLUDED

FORMULA:

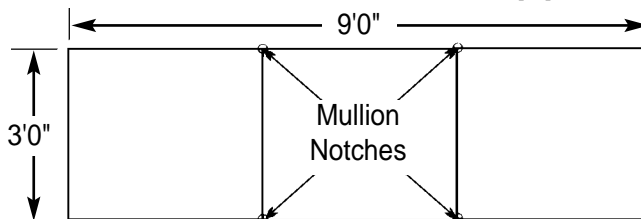
1. Lin. perimeter ft. x price
per lin. ft. x 1.75 = List Price
2. Add 1 set-up charge of
50.00 per size, per order = 50.00
Total List



EXAMPLE: 3/6 x 3/0 x 1 3/4 47S with stop

1. $4 + 4 + 3 + 3 = 14 \times 6.78 \times 1.75 = 166.12$
2. Add for all extras (color & labels) = x.xx
3. 1 set-up charge = 50.00

FACTORY BUILT BORROWED LITE FRAMES WITH MULLION(S) - GLASS STOP NOT INCLUDED



FORMULA:

1. Lin. perimeter ft. x price
per lin. ft. x 1.75 = List Price
2. Lin. ft. of mullion x price
per lin. ft. x 1.75 = List Price
3. Mullion notches x 79.20 = List Price
Total List

EXAMPLE: 9/0 x 3/0 x 1 3/4 47S

with 2 vertical mullions with stop

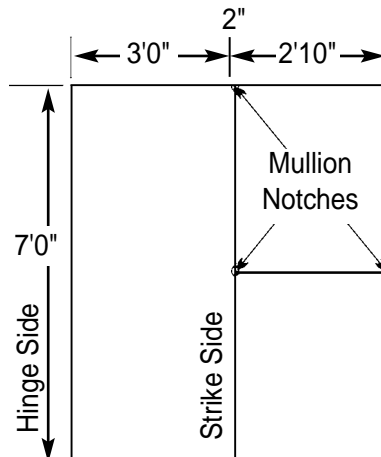
1. $9 + 9 + 3 + 3 = 24 \times 6.78 \times 1.75 = 284.76$
2. $3 + 3 = 6 \times 22.80 \times 1.75 = 239.40$
3. $4 \times 79.20 = 316.80$
4. Add for all extras
(color & labels) = x.xx

FACTORY BUILT SIDELITE FRAMES - GLASS STOP NOT INCLUDED

Strike side is attached always to mullion unless otherwise specified.

FORMULA:

1. Lin. perimeter ft. x price
per lin. ft. x 1.75 = List Price
2. Lin. ft. of mullion x price per
lin. ft. x 1.75 = List Price
3. Mullion notches x 79.20 = List Price
Total List



EXAMPLE: 3/0 x 7/0 x 1 3/4 47S
with 2/10 sidelite with horizontal
mullion with stop

1. $7 + 6 + 7 + 3 = 23 \times 6.78 \times 1.75 = 272.90$
2. $7 + 3 = 10 \times 22.80 \times 1.75 = 399.00$
3. $3 \times 79.20 = 237.60$
4. Add for all extras
(hinges, color & labels, etc.) = x.xx

Note: Floor channel is included on full height sidelites and borrowed lites.

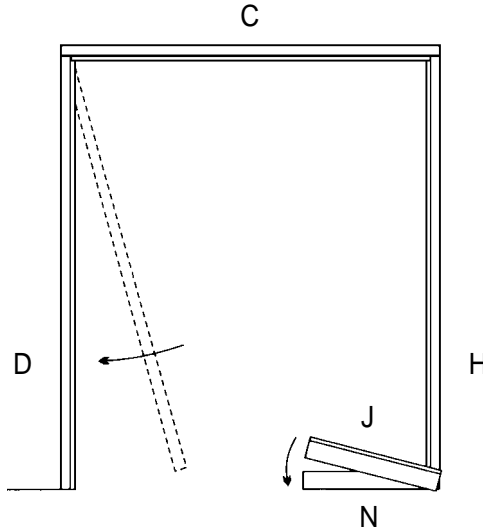
LIST PRICES

FLOOR CHANNEL

To determine price for floor channel, use cased mullion insert no stop lineal foot price.
(order 2" longer than sidelite sill piece) or (order 1" longer than borrowed lite header piece)

FORMULA:

1. Lin. perimeter ft. x price
per lin. ft. = List Price



EXAMPLE:

3/0 x 4 7/8c floor channel

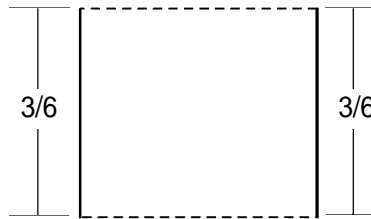
1. $3 \times 7.78 = 23.34$
2. Add for all extras
(color & etc.) = x.xx

BORROWED LITE UPRIGHTS ONLY - WITH STOP OR NO STOP

To determine price use lineal foot price on stick material pages.

FORMULA:

1. Lin. perimeter ft. x price
per lin. ft. x 1.75 = List Price
2. Add 1 set up charge of
50.00 per size, per order = 50.00
Total List



EXAMPLE:

3/6 x 1 3/4 47S with stop

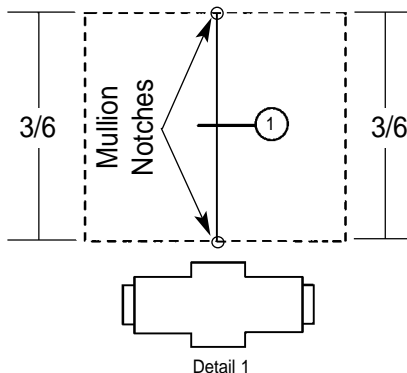
1. $4 + 4 = 8 \times 6.78 \times 1.75 = 94.92$
2. Add for all extras
(color & etc.) = x.xx
3. 1 set up charge = 50.00

MULLIONS

To determine price take the appropriate lineal foot price from one of the three mullion price columns.

FORMULA:

1. Lin. perimeter ft. x price
per lin. ft. x 1.75 = List Price
2. Mullion notches
x 79.20 = List Price
Total List



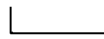
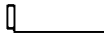

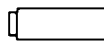


EXAMPLE: 3/6 x 1 3/4 4 7/8C
double stop mullion

1. $4 \times 22.80 \times 1.75 = 159.60$
2. $2 \times 79.20 = 158.40$
3. Add for all extras
(color & etc.) = x.xx

LIST PRICES

LINEAL FOOT PRICE - BRN, WTW

	Jamb Mullion Insert	** Jamb W/Casing	Cased Mullion Insert No Stop	Cased Opening W/Casing No Stop	Mullion Double Stop	Mullion Single Stop	Mullion No Stop	
								
WALL SIZES	C	S	C	C	C	C	C	
34	7.36	6.02	6.86	6.64	7.40	20.50	19.76	19.04
36	7.58	6.16	7.02	6.84	7.60	20.92	20.18	19.46
40	7.78	6.30	7.20	7.06	7.82	21.34	20.60	19.88
45	8.30	6.64	7.64	7.58	8.34	22.38	21.64	20.92
47	8.52	6.78	7.82	7.78	8.54	22.80	22.06	21.34
50	8.62	6.86	7.90	7.90	8.66	23.00	22.28	21.54
53	8.94	7.06	8.18	8.20	8.96	23.62	22.90	22.16
65	9.98	•	9.06	9.24	10.00	25.72	24.98	24.26
67	10.18	•	9.22	9.46	10.22	26.14	25.40	24.68

CUSTOM WIDTHS

WALL SIZES	C	S	C	C	C	C	C	C
23-25	*6.64	•	*7.40	5.90	6.66	•	*18.30	17.58
26-32	*7.16	•	*7.92	6.44	7.20	•	*19.36	18.62
33-43	8.10	•	8.86	7.36	8.12	21.96	21.22	20.50
44-46	8.42	•	9.18	7.68	8.44	22.58	21.86	21.12
51-52	8.82	•	9.58	8.10	8.86	23.42	22.68	21.96
54-60	9.46	•	10.22	8.72	9.48	24.68	23.94	23.22
61-63	9.76	•	10.52	9.04	9.80	25.30	24.56	23.84
64-66	10.08	•	10.84	9.36	10.12	25.92	25.20	24.46
70-74	10.70	•	11.46	9.98	10.74	27.18	26.44	25.72
75-80	11.12	•	11.88	10.40	11.16	28.00	27.28	26.54
81-90	11.96	•	12.72	11.22	11.98	29.68	28.94	28.22
91-96	12.58	•	13.34	11.86	12.62	30.94	30.20	29.48

WALL SIZES = First # designates inches, second # designates eighths of an inch.

* Available Single Rabbet Only

** Available In 12'1" length, except custom widths

NOTCHING

Notch for stop - mullion section (each end)

79.20 /notch

ACCESSORIES

TA-60 #8 x 1/2" Phil. Head Tek Screw (mullion assembly) (100 per pkg)

18.60 /pkg

Contact factory for availability of other lengths and pricing.

• Not Available

LIST PRICES

HYDRO PRESS

TA-26	Free Standing Hydro Press Includes: 1 ea. Allen Wrench Set 1 ea. 7/32" Ball Driver 4 ea. 3/8" - 16" x 1" Button Head Bolts 2 ea. 3/8" - 16" x 2 1/2" Button Head Bolts 1 ea. TA-29HP Hydro Press Video Tape 1 ea. Instruction Manual	
TA-26A	ASA Embossing Die (For 1 3/4" Side Only)	Consult Factory For Current Price
TA-26B	2 3/4" T Strike Emboss Die (For 1 3/4" Side Only)	
TA-26C	Deadbolt Emboss Die (For 1 3/4" Side Only)	
TA-26D	4" Hinge Emboss Die	
TA-26E	4 1/2" Hinge Emboss Die	
TA-26F	Die Storage Table 16" W x 48" L x 35" H	
TA-26G	1 ea. 56" Bar Stop (Optional) To be attached to any of the above dies to preset emboss locations and includes: 1 ea. 15" Front Plate 1 ea. Adjustable Stop with 1 ea. 3/8" x 16" x 1" Cap Screw 1 ea. Mounting Bracket with 2 ea. 5/16" - 18" x 3/4" Cap Screws and 1 ea. 5/16" - 18" x 5/8" Set Screw	
TA-26K	3 1/2" Hinge Emboss Die	
TA-26L	2 3/4" T Strike Emboss Die (For 1 3/8" Side Only)	
TA-26M	Flushbolt Strike Emboss Die	

LIST PRICES

M.O.D. SYSTEM* (* = Manual Operated Die)

TA-26 M.O.D.C.	Self Contained Casing Cut Off Die - Includes: 1 ea. Allen Wrench Set 1 ea. Tubular Base with 2 ea. 3/8" - 16" x 2 1/2" Button Head Bolts 1 ea. 120" Adjustable Bar Stop with	1 ea. 5/16" - 18" x 2" Cap Screw and 2 ea. 1/4" - 20" x 1" Flat Head Bolts 1 ea. End of Travel Stop with Instructions 1 ea. TA-26H Clip Removal Tool	
TA-26 M.O.D.N.	Self Contained Notching Die - Includes: 1 ea. Allen Wrench Set 1 ea. Mullion Back Stop 1 ea. Notching Die Stand 1 ea. Crimper 1 ea. WISS Header Snips	4 ea. Spacer for Mullion Fabrication 1 ea. TA-29MV M.O.D. Video Tape 1 ea. Red Book Manual 1 ea. Mullion Drill Fixture with 2 ea. Drill Bits	
TA-26 M.O.D.G.	Self Contained Glass Stop Cutter - Includes: 1 ea. Removable Handle 1 ea. 96" Bar with Adjustable Stop	1 ea. 3/16" Allen Wrench	Consult Factory For Current Price
TA-26 M.O.D.ST.	Self Contained Stop-Trim Die - Includes: 1 ea. 3 in 1 Oil 1 ea. Insert Cut Out for 67 wall size 1 ea. Insert Cut Out for 72 wall size	1 ea. Mullion Back Stop 1 ea. 3/16" Allen Wrench	
TA-26J	Coping Die for Steel Trim - Consult Factory		

LIST PRICE

ITEMS SOLD SEPARATELY

TA-26H	1 ea. Clip Remover Tool	517.40
TA-26I	Allen Wrench Set	5.66
TA-26 MODN-4	Crimper with 1 ea. 3/32" Allen Wrench and 1 ea. 1/8" Allen Wrench	532.80
TA-26 MODN-5	WISS Header Snips	65.22
TA-26 MODN-6	Spacer for Mullion Fabrication	13.04 ea.
TA-26O	Mullion Drill Fixture with 2 ea. drill bits	86.52
TA-26P	L & R Hand Mullion Spacer Clamp and 2" Mullion Spacer Block	428.53

