

PIONEER

ASSA ABLOY

Pricing & Estimating Guide

Pricing effective May 2025



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Experience a safer
and more open world

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REVISION LIST

NEW RELEASE 2025

All previous versions are obsolete.

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STOCK

P Series	<u>Doors (PioPac) and Frames (ComPac)</u>
S Series	<u>Doors (PioPac) and Frames (ComPac)</u>

MADE TO ORDER

P Series	<u>Doors and Frames (Pioneer Locations)</u>
S Series	<u>Doors and Frames (Steelcraft Locations)</u>

PARTS

<u>Doors and Frame Parts</u>
--

X PACS

<u>Commodity Doors</u>
--

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<u>Pre-Engineered Doors and Frames (SKU Items)</u>
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<u>Non-Stock Door Order Form</u>
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GENERAL INFORMATION

CONDITIONS OF SALE

- 1.) Pioneer Industries manufactures steel doors and frames for standard, custom and special applications used by the construction industry in buildings for commercial, industrial, and institutional structures. These doors, frames and accessory products are distributed through the facilities of the Pioneer building product distributors.
- 2.) The selling activities of Pioneer Industries will be directed to:
 - a . Supporting the efforts of the Pioneer Distributor in the sale of products used in building construction.
 - b . Soliciting orders for Pioneer products used as an integral part of other manufacturer's product (OEM).
- 3.) Pioneer Industries cannot grant exclusive distributing rights in any areas. It is not the intention to use more distributors than are necessary for proper market coverage. An ample opportunity will be given to distributors to obtain profitable volume. Before any changes or additions in marketing coverage are made, the distributors who may be affected will be consulted. Pioneer reserves the right to refuse the sale of products to distributors that fail to fulfill their obligations in any way.
- 4.) Distributors will be expected to maintain account status and promote the sale of Pioneer products by:
 - a. Actively soliciting the construction trade through the use of Construction News Publications.
 - b. Making regular service and promotional contacts with the area architect, and specifying authorities to obtain the acceptance of Pioneer products.
 - c. Carrying and maintaining adequate inventories of Pioneer products best suited for distributors' area.
 - d. Establishing and maintaining adequate modification facilities in order to modify doors and frames and build stick assemblies.
 - e. Provide an adequate delivery service for all products sold.
 - f. Provide a minimum of one full time, properly trained salesperson to solicit sales in their area.
 - g. Maintaining a net annual sales figure of \$100,000 of Pioneer Product Sales.
 - h. All accounts are subject to periodic reviews to define continued open account status, discounts, and credit limits in addition to agreed minimum purchase amounts and any special considerations.
- 5.) Pioneer Industries will support these distributors in every practicable manner to its utmost ability.
 - a . PRODUCTS**
Superior products will be offered and backed by Pioneer in accordance with their standard terms and conditions of sale.
 - b . PUBLICATIONS**
Pioneer will provide reasonable quantities of product literature and technical data sheets.

Each distributor will be given manuals with complete information and pricing on all products . These manuals will be assigned to specific people and will be updated by periodic mailings. Pioneer reserves the right to recall such manuals, price lists, literature or technical data at any time.
 - c . DISCOUNTS**
Authorized distributors will receive resale discounts from current list prices.
 - d . PROMOTION AND TRAINING**
Pioneer will participate in local trade shows and other promotional activities by the distributor. Our participation will be determined for each occasion. Sample and display material is available for this purpose.

Pioneer conducts periodic Distributor Seminars designed to reacquaint the distributors with the existing products in addition to introducing new products. By use of Pioneers personnel and outside professionals, programs are planned to assist the distributor in being more currently informed in most aspects of the building industry as it affects the profitable sales of Pioneer products.

Distributor job modifying techniques, local promotional ideas and the methods of more effectively running a successful distributorship are some of the typical areas covered. Ample opportunity is afforded the attending distributor to meet with other Distributors in exchanging of ideas etc. Distributors are encouraged to visit the home office any time during the year to meet the staff and see how the products are made. Prior notices of these types of visits are required by at least two weeks.
- 6.) This document is intended solely to acquaint Pioneer Distributors with its present sales policy. It is not intended to create a contractual relationship of any kind.

GENERAL INFORMATION

ORDERING PROCEDURE

Purchase orders entered into the factory must be written on prescribed order forms complete with all necessary information and signed by an authorized distributor representative.

Pioneer reserves the right to return incomplete orders. Changes to orders will be treated as cancelled and reentered material and subject to cancellation charges.

Orders for door or frame material with engineered variations must be accompanied by manufacturer's templates or template numbers, a symbol ~T appears adjacent to the engineered variation which requires the customer to provide a template or template number.

You need provide only template numbers for standard products produced; However, Pioneer will not be responsible for errors incurred due to out-of date template information. We urge you to provide templates for all hardware and specify device if more than one device is referenced on template.

The "hand" of an opening may be required for specific frame and door requirements. Certain miscellaneous parts may be handed as well. A symbol  is indicated next to the items in which a hand must be noted.

A detailed Order Acknowledgment is provided for each order processed. One important function of a customer's order acknowledgment is to allow the customer a method of checking the order for accuracy in content and pricing. In keeping with Pioneer's desire to furnish each order accurately **we urge the customer to review each acknowledgment upon receipt**. Should any variances be found; contact Pioneer within 72 hours. After this time all information will be assumed as accurate.

Note that the Acknowledgement "scheduled date" refers to the completion date of the order and is not a ship date. Please be advised that contingent on load sizes, geographic destinations, material types, dock availability and capacity, carrier capacity and price, actual ship dates may be 1-3 days after the scheduled date. Motor Freight Carriers operate independently of Pioneer Industries and delivery times or schedules cannot be guaranteed as such.

Pioneer Industries does not employ field personnel for jobsite inspections; any field and/or jobsite discrepancies are the responsibility of the distributor until reasonable certainty of final responsibility is established. Field issues not attributable to Pioneer Industries may result in additional charges for time and travel, as well as all other reasonable expenses.

Orders that are accepted with multiple lead-time products will be processed based on the longest lead-time item unless requested. If split (and dependent on order size), the portion with the quickest lead-time will ship LTL.

Please note that lead times are subject to change without notice, at the sole discretion of Pioneer based on current conditions.

Orders that are completed by their due date and not shipped for (5) days, may incur storage charges of up to \$250 per day.

Please note the following lead time additions to orders that are not received on Pioneer order forms:

Purchase Orders - Add 1 Week

Shop Drawings/Submittals - Add 2 Weeks

DOORS AND PANELS

FINISH — Pioneer prime paint is a baked rust inhibitive primer and is provided on all door and panel products unless otherwise specified.

PACKAGING — All Pioneer doors (excluding X Series commodity) and panels are individually packaged with cardboard end protectors. If shipping directly to a jobsite the cardboard end caps will be removed to reduce jobsite waste material. Crating and Palletizing of doors and panels shall be at the discretion of Pioneer Industries and may necessitate an additional charge.

MARKING — All Pioneer door products will be marked for identification on both edges of the corrugated cardboard carton. Exceptions to this policy will not be instituted without the customer's prior approval.

Tagging of individual stock doors with an architect's opening number (or other identification) will necessitate an extra charge.

Engineered door and panel products will not be marked for identification by physical description unless specifically requested by the customer. Engineered door and panel products, by their very nature, cannot always be identified clearly by elevation, size, etc. Architect's opening numbers (or other marking) for identification is encouraged. There is no extra charge for such marking on engineered door and panel products. When specific identification has not been requested, each door or panel will be clearly marked with an identification number provided by Pioneer. All order, shipping and invoice documents will bear this number.

LOUVERS — Standard door louvers are constructed of cold rolled steel and are prime finished.

GLASS LIGHT KITS — Door glass light moldings are constructed of 18ga cold rolled steel and shall be prime finished. Complete Lite and Muntin Kits for multiple standard glass lights (V, N3, etc) shall be constructed of 18ga cold rolled steel and all muntin bars are factory installed. Standard overlapping glass light kits will be furnished on all standards and custom fabricated doors unless specifically indicated otherwise, or unless the specific type of door prohibits the use of standard moulding.

CUTOUTS — On H and CH Series variations the door skin will be pierced, creating the perimeter dimension of the required cutout. The cores panel is left in place, to be removed by the distributor when installing the glass kit or louver. All other doors will be boxed out and the core panel removed.

ASTRAGALS — Standard Z Astragals and Flat Bar Astragals may be provided from stock. See Parts price list and further General Information in this section.

(UL) Procedures dictate that the flat bar Astragals for a (UL) classified pair of Fire doors must be applied to the active leaf of the pair. The use of a Z astragal is not permitted. All standard (UL) classified inactive door leaves will be furnished with a label indicating that the active door must be furnished with a flat bar Astragals applied.

UNDERCUT — Standard door undercut is 5/8". Undercut variations available up to a maximum of 5". (UL) Procedure restricts undercut to a maximum of 3/4".

SEE PAGE 40 or our TECH DATA for more information.

GENERAL INFORMATION

FRAME AND STICKS

PROFILE — Pioneer frames are typically manufactured with an Equal Rabbet profile with 2" Face(Trim). Frames can be ordered with unequal rabbet and/or special face, but this must be specified. Frames with jamb depths less than 5" will be manufactured as Single Rabbet unless specified. (Note: Special Anchoring at an additional charge may be required for these products)

FINISH — Pioneer frame prime paint is a baked rust-inhibitive alkyd base primer, and is provided on all frame products unless otherwise specified.

ANCHORS — Wall Anchors are NOT included in the pricing and furnishing of the following frame products:

- Series F Uni-Frame System (jambs, complete frames, borrowed lite jambs and complete borrowed lites).
- Series F Integral Frames (jambs, complete frames, borrowed lite jambs and complete borrowed lites).
- Series WF Uni-Seal Frames (jambs and complete frames).
- Series STK stick material.

To this end the distributor may choose to place a variety of loose masonry and stud anchors into inventory.

Series F and WF frames typically require six anchors per frame (three per jamb), for door heights thru 7' 2" and eight anchors per frame (four per jamb) for heights over 7' 2".

Series F Borrowed Lite frames typically require four anchors per frame (two per jamb) for heights up to 4' 0" and six anchors per frame (three per jamb) for heights over 4' 0".

Specify stud width with orders for frames with steel stud or wood stud anchors welded in place.

All Series F and WF jamb members and Series S hinge and strike jamb sticks include a rigid base anchor welded in place.

Expansion Bolt (Existing Masonry) preparation includes only the frame preparation on non- (UL), and (UL) classified frames.

Series DW Drywall Frames are provided with four welded-in sill straps per frame (two per Jamb). A preparation for direct screw attachment at the base of the Series DW frame is available as indicated in the price list. The flat ¼" diameter hole is located ½" up from the, finished floor and ½" in from the back band in order to assure attachment to the floor runner stud. The hole is designed to receive a bugle-head #8 x 1-5/8" Panel Kwick tapping screw, which is not included .

SILENCERS — All Series F and DW frames (or frame material) with exception to BJ Type are provided with a preparation to receive GJ 64 type drilled silencers (not furnished).

The preparation for Silencers are not provided for orders of Series STK stick material or Series F Uni-Frame components.

SET-UP AND WELDED FRAMES — All Series F and WF frames, and most engineered variations may be ordered as Set- Up and Welded units. Exceptions are noted within the price list.

Standard Set-Up and Welded frames provide for an internal arc-welded corner and a spreader bar welded in place, for shipping purposes. A fine, mitre line is visible.

PACKAGING — Series F Uni-Frame components are bundled and should be ordered in units of ten.

Series F, WF and DW jambs and heads and complete frame orders from inventory and all custom jamb and heads and custom complete frame orders (produced through manufacturing specifically on an order by order basis) will be palletized for shipment.

Wood palletizing of items will necessitate an extra charge.

NOTE: Welded frames in smaller quantities (LTL) may require additional crating and may also necessitate an extra charge.

Cut and Notch Products will be bundled as a single elevation or as multiple like elevations to match distributors drawings. Glazing bead for Cut and Notch Frames will be provided in 10ft. Sections.

MARKING — All Pioneer frame and stick components will be marked for identification applied to the inside of the frame. Exceptions to this policy will not be considered without the customer's prior approval.

Orders for stock frame material from inventory, in the form of complete frames, may be bundled and tagged individually in which case an extra charge is required . Orders for complete frames from inventory, when individual bundling is not requested, will be bulk stacked on pallets for shipment, with each component marked with Individual identification labels.

Orders for custom complete frame material (produced thru manufacturing), when individual bundling and tagging has not been specified, will be clearly marked with an identification number provided by Pioneer . All order, shipping and invoice documents will bear this number as a matter of identification.

Custom frame orders, whether in the form of jambs and heads, or sticks, when Individual bundling and tagging has not been specified, will be marked with an identification number provided by Pioneer. All order, shipping and invoice documents will bear this number as a matter of identification.

DELIVERY WARRANTY

In the infrequent event of defective products/materials not due to installation deficiencies or shortcomings, the distributor must provide written notice to Pioneer Industries of such breach within seventy-two (72) hours from receipt of delivery. The Distributor hereby waives and relinquishes all actions and claims for replacement and repair thereof if the Distributor fails to deliver such written notice within the applicable 72-hour period. Upon Pioneer Industries receipt of timely written notice, Pioneer Industries sole obligation and the Distributor's exclusive remedy shall be the repair or replacement of the defective products or materials within a commercially reasonable period of time and will not do so without express prior examination and authorization.

As a manufacturer and supplier of steel doors and frames, Pioneer Industries, is not a party to any purchase agreements (contracts or other) entered into by the distributor and/or their customer with regards to delivery schedules. As a result, Pioneer Industries is not liable for any damages (liquidated, labor-related or other) as a result of manufacturing time required and will not approve nor except any such charges. Pioneer Industries manufactures its products aware that certain contingencies, such as specific product requirements, capacities, manpower, seasonal disruptions, material procurement and any unforeseen or unavoidable occurrences, could negatively affect the manufacturing process and schedule. Should a project require special, premium or expedited lead times, or specified dates, please consult the factory prior to placing your order. Orders placed and cancelled will be subject to cancellation, engineering and other potential charges.

Cancellation Charges:

Pre-Production (15-25%*), To Spotwelding DOORS/ Brakes FRAMES (70%), To Bench DOORS / Spotweld FRAMES (85%), Beyond Bench DOORS / Final Assembly FRAMES (100%)

*Custom product with shop drawings

GENERAL INFORMATION

PRODUCT WARRANTY INFORMATION

LIMITED WARRANTY

Pioneer Industries warranties all door and frame products sold hereunder (except those expressly excluded from this warranty), to be of good material and workmanship, and to be free of defects which would render said products unserviceable or unfit for their ordinary recommended use, for a period one year from the date of shipment. This warranty extends only to the first purchaser of the above products. The following are excluded from this warranty:

- Unsatisfactory service or appearance caused by failure to follow recommended storage, handling, finishing and installation instructions.
- The appearance of field finished door and frame products.

If warranted doors and frames are found to contain defects, Pioneer may, at its option, either repair the product without charge or replace the item without charge in the same stage of fitting and/or finishing as was originally supplied, or refund the price paid to it. Pioneer will perform, or agree to perform, its obligations under the warranty within 30 days after an appropriate notice is given by the purchaser to it. The procedure which the purchaser should follow in order to obtain performance of any warranty obligations is as follows:

- If, at the time a shipment is received, said products are found to have a defect which can be reasonably discovered by inspection of each product, the purchaser must, prior to hanging or fitting, and within 48 hours, send written notice and photographs of these defects to Pioneer Industries.
- If a defect is discovered or occurs after a door is fitted and hung, written notice and photographs of such defects must be sent to Pioneer Industries within one year from the date of shipment.

Pioneer will not be liable for any doors repaired or replaced without prior written consent. Pioneer Industries' sole responsibility under this warranty is as stated herein and it shall not be liable for consequential, indirect, or incidental damages, or for any amount in excess of the price for the shipment involved, no matter the type of claim asserted, whether it be for breach of contract, breach of warranty or negligence, or any other claim whatsoever.

This warranty is in lieu of any other warranty expressed or implied.

For the name of your nearest distributor contact Pioneer Industries at the number shown below.



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DOORS - CONTENTS

H SERIES	LOCKSEAM / FULL FLUSH	GLUED CORE	14
	<i>Core(s):</i> (H) Honeycomb, (HP) Polystyrene, (HT) Polyurethane, (HR) Temp Rise		
	<i>Seamless:</i> (HF) Honeycomb, (HPF) Polystyrene, (HTF) Polyurethane, (HRF) Temp Rise		
CH SERIES	CONTINUOUS WELD / SEAMLESS	GLUED CORE	16
	<i>Core(s):</i> (CH) Honeycomb, (CHP) Polystyrene, (CHT) Polyurethane, (CHR) Temp Rise		
LW SERIES	LOCKSEAM / FULL FLUSH	STEEL STIFFENED	18
	<i>Seamless:</i> (LWF) Steel Stiffened		
C SERIES	CONTINUOUS WELD / SEAMLESS	STEEL STIFFENED	20
EH SERIES	LOCKSEAM (EMBOSSSED)	GLUED CORE	22
	<i>Core(s):</i> (EH) Honeycomb, (EP) Polystyrene		
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H SERIES - LOCKSEAM EDGE - GLUED CORE

Honeycomb, Polystyrene, Polyurethane, and Temperature Rise Cores.

H Series Base				
Standard Sizes		18 Gauge	16 Gauge	14 Gauge
Width	Height	CRS	CRS	CRS
2-0, 2-4	6' 8"	\$540	\$713	\$1,016
2-6, 2-8,		\$574	\$747	\$1,050
2-10, 3-0		\$574	\$747	\$1,050
3-4, 3-6, 3-8		\$656	\$829	\$1,132
3-10, 4-0		\$774	\$947	\$1,249

2-0, 2-4	7' 0"	\$553	\$726	\$1,029
2-6, 2-8,		\$584	\$757	\$1,060
2-10, 3-0		\$584	\$757	\$1,060
3-4, 3-6, 3-8		\$694	\$867	\$1,170
3-10, 4-0		\$796	\$969	\$1,272

2-0, 2-4	7' 2"	\$647	\$820	\$1,123
2-6, 2-8,		\$679	\$852	\$1,155
2-10, 3-0		\$679	\$852	\$1,155
3-4, 3-6, 3-8		\$788	\$961	\$1,264
3-10, 4-0		\$891	\$1,064	\$1,367
Up to 9-6	See Page 33 -Oversized Doors			

PLEASE NOTE:

The chart price above includes CYL,MP Lock Preparation and standard weight 4-1/2" Hinges at Pioneer standard location.

Code Description

3	Door Construction	Add
H	Honeycomb Core	N/C
HP	Polystyrene Core	\$53
HT	Polyurethane Core	\$231
HR	Temp Rise Core 250°, 450°	\$985

SEAMLESS

-F	SEAMLESS Edge / Tack & Fill	\$90
HF, HPF, HTF, or HRF Series		

5	Material Type	Add
C	Cold Rolled Steel	N/C
G	Galvannealed Material	\$53

6	Door Thickness	Add
4	1-3/4" Thick Door	N/C
8	1-3/8" Thick Door	\$45
NOTE: 1-3/8" Door Available in H & HP Series Only.		

7	Pair / Single / DE Pair	Add
SNGL	Single Opening Door Leaf	N/C
PAIR	Door Leaf in Std Pair Opening	N/C
DBLE	Door Leaf in Dbl Egress Opng	N/C
See Page 40 for Pair Sizing notes.		

STANDARD ELEVATIONS - WITH KIT AND/OR LOUVER INSTALLED (Add)

Fixed Size 1/4" Kit & Y Blade Louver Prices Shown - See Engineered Door Section for Additional Options.

V	10x10*	G68 22 x 30	N3 3 x 33*	NG68 6 x 30	L1 12 x 12	L2 24 x 12	L3 24 x 24
		G70 22 x 34	N4 4 x 25*	NG70 6 x 34			
			N5 5 x 20*				
CRS	\$197	\$422	\$297	\$335	\$297	\$422	\$547
GALV	\$237	\$507	\$357	\$403	\$357	\$507	\$659

PLEASE NOTE: An additional charge of \$157 will be added for non-flush Temperature Rise Core Doors.

Cutout Only {Core in Place}: (P)	\$57	Cutout Only {Cut & Reinf.}: (B)	\$160
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*Pioneer Stocks V, N3, N4, and N5 CRS kits. All other sizes will be ordered per job.

H SERIES - ADDITIONAL PREPARATIONS (ADDERS)

For Additional Preparations
See the Engineered Door Section

Code	Description	Add
8 Astragals - Add to Strike & Bolt Prep		
<i>Flat Astragal</i>		
FS	Flat Astragal (Screw Applied)	\$112
FL	Flat Astragal (Shipped Loose)	\$73
<i>Z Astragal</i>		
ZS	Z Astragal (Screw Applied)	\$145
ZL	Z Astragal (Shipped Loose)	\$109

Note: Astragal Price does not include Strike or FB Price.

10/11 Non-Standard Sizes		
Price Next Larger Size Door and Add the following:		
SW	Special Width Up to 4'0**	\$34
SH	Special Height Up to 8'0**	\$34

12 Primary Lock - Device Types - Strikes		
<i>Cylindrical Locks</i>		
CYL	Cylindrical Lock	NC
T	Cylindrical -Turtle	NC
L	Cylindrical Lock w/ Thru Bolt ~T	\$34
<i>Mortised Locks</i>		
MP	Multi-purpose (Blank Face #86 Edge)	NC
MST	Mortised - Sectional Trim ~T	\$55
<i>Exit Device - Reinforce Only</i>		
RP	Rim Panic (Reinf Only)	\$40
SVR	Surface Vert. Rod (Reinf Only)	\$77
MPAN	Mortised - Exit Device (Reinf Only)	\$40
RMP	Multi-Purpose (Works w\ MP, SVR, or RP)	\$77
<i>Exit Device - Preparation</i>		
RPP	Rim Exit Device w\ Prep ~T	\$79
SVRP	Surface Vert. Rod w\ Prep ~T	\$119
CVR	Concealed Vertical Rod Prep ~T	\$437
MPNP	Mortised - Exit Device w\ Prep ~T	\$79
<i>Primary Strike Preparations</i>		
478	4-7/8" Lipped Strike	\$32
234	2-3/4" Lipped Strike	\$32

14 Secondary Locks & Strikes		
<i>DeadLock</i>		
CDL	Cylindrical Dead Lock >= 48"CL AFF	\$55
MDL	Mortised Dead Lock >= 48"CL AFF	\$77
<i>DeadLock Strikes</i>		
478N	4-7/8" No Lipped Strike	\$45
234N	2-3/4" No Lipped Strike	\$45

~T = Include Template w/ Order

Code	Description	Add
13/22 Hardware Location Other than S Series & Pioneer		
<i>Non-Standard Hinge or Lock Location</i>		\$34
<i>*Waived Over Qty 10 Doors (Identical Location & Height)</i>		

16 Undercut		
5/8	5/8" Undercut	NC
3/4	Special Undercut*(Other than 5/8")	\$25
<i>* Adder waived over Qty 20 Doors</i>		

17 Label Variations		
L	Label Needed	\$32
N	No Label Needed	NC
<i>Metal Label Designation</i>		\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.

18/19 Top / Bottom Door Caps Installed		
<i>Top Cap Installed</i>		
STS	Screw Applied	\$47
STW	Tack Weld Application	\$103
STF	Tack Welded and Filled (Water Tight)	\$160
VIN	Vinyl Top Cap Channel	\$30
<i>Top and Bottom Cap Installed</i>		
STBS	Steel Top & Bottom Cap Screwed on	\$94
STBW	Steel Top & Bottom Cap Tack Welded on	\$268
STBF	Steel Top & Bottom Welded on and Filled	\$380

20-22 Hinges		
450(HW)	4-1/2" Std Wt or Hvy Wt Hinge (Each)	NC
500(HW)	5" Std Wt or Hvy Wt Hinge (Each)	\$7
CONH	Continuous Hinge Reinf (14Ga) ~T	\$77
CONN	Cont Hinge - NO REINF (Special Width) ~T	\$34
<i>Hg Qty</i>	Each Additional Hinge (Per Hinge)	\$17

* Note HW if Heavy Weight (450HW)

23 Closer / Holder Type		
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39
MOH	Mortised Overhead Closer / Holder	\$156
COC	Concealed Overhead Closer	\$231

24 Bolt Type (Flush Bolt)		
FB	Flush Bolt Preparation (ANSI 115.4)	\$74
AFB	Auto FlushBolt Prep (12" Top CL)	\$74
SBR	Surface Bolt Reinforcement	\$38

Bolt Preparations shown are for Top AND Bottom Bolts.

25 Dutch Door Options		
DTCH	Dutch Door / Non Labeled	\$342
DTS	Dutch Door Shelf (7" Snap On)	\$345

CH SERIES - CONTINUOUS WELD EDGE - GLUED CORE

Honeycomb, Polystyrene, Polyurethane, and Temperature Rise Cores.

CH Series Base				
Standard Sizes		18 Gauge	16 Gauge	14 Gauge
Width	Height	CRS	CRS	CRS
2-0, 2-4	6' 8"	\$733	\$906	\$1,209
2-6, 2-8,		\$774	\$947	\$1,249
2-10, 3-0		\$804	\$977	\$1,280
3-4, 3-6, 3-8		\$899	\$1,072	\$1,375
3-10, 4-0		\$987	\$1,160	\$1,463

2-0, 2-4	7' 0"	\$750	\$923	\$1,226
2-6, 2-8,		\$792	\$965	\$1,268
2-10, 3-0		\$828	\$1,001	\$1,304
3-4, 3-6, 3-8		\$918	\$1,091	\$1,394
3-10, 4-0		\$1,012	\$1,186	\$1,488

2-0, 2-4	7' 2"	\$856	\$1,029	\$1,332
2-6, 2-8,		\$899	\$1,072	\$1,375
2-10, 3-0		\$934	\$1,107	\$1,410
3-4, 3-6, 3-8		\$1,025	\$1,198	\$1,501
3-10, 4-0		\$1,119	\$1,292	\$1,594

PLEASE NOTE:

The chart price above includes CYL,MP Lock Preparation and standard weight 4-1/2" Hinges at Pioneer standard location.

Code	Description	Add
3 Door Construction		
CH	Honeycomb Core	N/C
CHP	Polystyrene Core	\$53
CHT	Polyurethane Core	\$231
CHR	Temp Rise Core 250°, 450°	\$985
All CH Series Doors will have seamless center seam edge; continuously welded full door height.		

5 Material Type		Add
C	Cold Rolled Steel	N/C
G	Galvannealed Material	\$53

6 Door Thickness		
4	1-3/4" Thick Door	N/C
1-3/8" Doors Not Available in CH Series (See H Series)		

7 Pair / Single / DE Pair		
SNGL	Single Opening Door Leaf	N/C
PAIR	Door Leaf in Std Pair Opening	N/C
DBLE	Door Leaf in Dbl Egress Opng	N/C
See Page 40 for Pair Sizing notes.		

STANDARD ELEVATIONS - WITH KIT AND/OR LOUVER INSTALLED (Add)

Fixed Size 1/4" Kit & Y Blade Louver Prices Shown - See Engineered Door Section for Additional Options.

	V 10x10*	G68 22 x 30 G70 22 x 34	N3 3 x 33* N4 4 x 25* N5 5 x 20*	NG68 6 x 30 NG70 6 x 34	L1 12 x 12	L2 24 x 12	L3 24 x 24
CRS	\$197	\$422	\$297	\$335	\$297	\$422	\$547
GALV	\$237	\$507	\$357	\$403	\$357	\$507	\$659

PLEASE NOTE: An additional charge of \$157 will be added for non-flush Temperature Rise Core Doors.

Cutout Only {Core in Place}: (P)	\$57	Cutout Only {Cut & Reinf.}: (B)	\$160
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*Pioneer Stocks V, N3, N4, and N5 CRS kits. All other sizes will be ordered per job.

CH SERIES - ADDITIONAL PREPARATIONS (ADDERS)

For Additional Preparations
See the Engineered Door Section

Code	Description	Add
8 Astragals - Add to Strike & Bolt Prep		
<i>Flat Astragal</i>		
FS	Flat Astragal (Screw Applied)	\$112
FL	Flat Astragal (Shipped Loose)	\$73
<i>Z Astragal</i>		
ZS	Z Astragal (Screw Applied)	\$145
ZL	Z Astragal (Shipped Loose)	\$109

Note: Astragal Price does not include Strike or FB Price.

10/11 Non-Standard Sizes		
Price Next Larger Size Door and Add the following:		
SW	Special Width Up to 4'0"	\$34
SH	Special Height Up to 8'0"	\$34

12 Primary Lock - Device Types - Strikes		
<i>Cylindrical Locks</i>		
CYL	Cylindrical Lock	NC
T	Cylindrical -Turtle	NC
L	Cylindrical Lock w/ Thru Bolt ~T	\$34
<i>Mortised Locks</i>		
MP	Multi-purpose (Blank Face #86 Edge)	NC
MST	Mortised - Sectional Trim ~T	\$55
<i>Exit Device - Reinforce Only</i>		
RP	Rim Panic (Reinf Only)	\$40
SVR	Surface Vert. Rod (Reinf Only)	\$77
MPAN	Mortised - Exit Device (Reinf Only)	\$40
RMP	Multi-Purpose (Works w\ MP, SVR, or RP)	\$77
<i>Exit Device - Preparation</i>		
RPP	Rim Exit Device w\ Prep ~T	\$79
SVRP	Surface Vert. Rod w\ Prep ~T	\$119
CVR	Concealed Vertical Rod Prep ~T	\$437
MPNP	Mortised - Exit Device w\ Prep ~T	\$79
<i>Primary Strike Preparations</i>		
478	4-7/8" Lipped Strike	\$32
234	2-3/4" Lipped Strike	\$32

14 Secondary Locks & Strikes		
<i>DeadLock</i>		
CDL	Cylindrical Dead Lock >= 48"CL AFF	\$55
MDL	Mortised Dead Lock >= 48"CL AFF	\$77
<i>DeadLock Strikes</i>		
478N	4-7/8" No Lipped Strike	\$45
234N	2-3/4" No Lipped Strike	\$45

~T = Include Template w/ Order

Code	Description	Add
13/22 Hardware Location Other than S Series & Pioneer		
	Non-Standard Hinge or Lock Location	\$34
<i>*Waived Over Qty 10 Doors (Identical Location & Height)</i>		

16 Undercut		
5/8	5/8" Undercut	NC
3/4	Special Undercut*(Other than 5/8")	\$25
<i>* Adder waived over Qty 20 Doors</i>		

17 Label Variations		
L	Label Needed	\$32
N	No Label Needed	NC
	<i>Metal Label Designation</i>	\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.

18/19 Top / Bottom Door Caps Installed		
<i>Top Cap Installed</i>		
STS	Screw Applied	\$47
STW	Tack Weld Application	\$103
STF	Tack Welded and Filled (Water Tight)	\$160
VIN	Vinyl Top Cap Channel	\$30
<i>Top and Bottom Cap Installed</i>		
STBS	Steel Top & Bottom Cap Screwed on	\$94
STBW	Steel Top & Bottom Cap Tack Welded on	\$268
STBF	Steel Top & Bottom Welded on and Filled	\$380

20-22 Hinges		
450(HW)	4-1/2" Std Wt or Hvy Wt Hinge (Each)	NC
500(HW)	5" Std Wt or Hvy Wt Hinge (Each)	\$7
CONH	Continuous Hinge Reinf (14Ga) ~T	\$77
CONN	Cont Hinge - NO REINF (Special Width) ~T	\$34
<i>Hg Qty</i>	Each Additional Hinge (Per Hinge)	\$17

* Note HW if Heavy Weight (450HW)

23 Closer / Holder Type		
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39
MOH	Mortised Overhead Closer / Holder	\$156
COC	Concealed Overhead Closer	\$231

24 Bolt Type (Flush Bolt)		
FB	Flush Bolt Preparation (ANSI 115.4)	\$74
AFB	Auto FlushBolt Prep (12" Top CL)	\$74
SBR	Surface Bolt Reinforcement	\$38

Bolt Preparations shown are for Top AND Bottom Bolts.

25 Dutch Door Options		
DTCH	Dutch Door / Non Labeled	\$342
DTS	Dutch Door Shelf (7" Snap On)	\$345

LW SERIES - ADDITIONAL PREPARATIONS (ADDERS)

For Additional Preparations
See the Engineered Door Section

Code	Description	Add
8 Astragals - Add to Strike & Bolt Prep		
<i>Flat Astragal</i>		
FS	Flat Astragal (Screw Applied)	\$112
FL	Flat Astragal (Shipped Loose)	\$73
<i>Z Astragal</i>		
ZS	Z Astragal (Screw Applied)	\$145
ZL	Z Astragal (Shipped Loose)	\$109

Note: Astragal Price does not include Strike or FB Price.

10/11 Non-Standard Sizes		
Price Next Larger Size Door and Add the following:		
SW	Special Width Up to 4'0"	\$34
SH	Special Height Up to 8'0"	\$34

12 Primary Lock - Device Types - Strikes		
<i>Cylindrical Locks</i>		
CYL	Cylindrical Lock	NC
T	Cylindrical -Turtle	NC
L	Cylindrical Lock w/ Thru Bolt ~T	\$34
<i>Mortised Locks</i>		
MP	Multi-purpose (Blank Face #86 Edge)	NC
MST	Mortised - Sectional Trim ~T	\$55
<i>Exit Device - Reinforce Only</i>		
RP	Rim Panic (Reinf Only)	\$40
SVR	Surface Vert. Rod (Reinf Only)	\$77
MPAN	Mortised - Exit Device (Reinf Only)	\$40
RMP	Multi-Purpose (Works w\ MP, SVR, or RP)	\$77
<i>Exit Device - Preparation</i>		
RPP	Rim Exit Device w\ Prep ~T	\$79
SVRP	Surface Vert. Rod w\ Prep ~T	\$119
CVR	Concealed Vertical Rod Prep ~T	\$437
MPNP	Mortised - Exit Device w\ Prep ~T	\$79
<i>Primary Strike Preparations</i>		
478	4-7/8" Lipped Strike	\$32
234	2-3/4" Lipped Strike	\$32

14 Secondary Locks & Strikes		
<i>DeadLock</i>		
CDL	Cylindrical Dead Lock >= 48"CL AFF	\$55
MDL	Mortised Dead Lock >= 48"CL AFF	\$77
<i>DeadLock Strikes</i>		
478N	4-7/8" No Lipped Strike	\$45
234N	2-3/4" No Lipped Strike	\$45

~T = Include Template w/ Order

Code	Description	Add
13/22 Hardware Location Other than S Series & Pioneer		
<i>Non-Standard Hinge or Lock Location</i>		\$34
<i>*Waived Over Qty 10 Doors (Identical Location & Height)</i>		

16 Undercut		
5/8	5/8" Undercut	NC
3/4	Special Undercut*(Other than 5/8")	\$25
<i>* Adder waived over Qty 20 Doors</i>		

17 Label Variations		
L	Label Needed	\$32
N	No Label Needed	NC
<i>Metal Label Designation</i>		\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.

18/19 Top / Bottom Door Caps Installed		
<i>Top Cap Installed</i>		
STS	Screw Applied	\$47
STW	Tack Weld Application	\$103
STF	Tack Welded and Filled (Water Tight)	\$160
VIN	Vinyl Top Cap Channel	\$30
<i>Top and Bottom Cap Installed</i>		
STBS	Steel Top & Bottom Cap Screwed on	\$94
STBW	Steel Top & Bottom Cap Tack Welded on	\$268
STBF	Steel Top & Bottom Welded on and Filled	\$380

20-22 Hinges		
450(HW)	4-1/2" Std Wt or Hvy Wt Hinge (Each)	NC
500(HW)	5" Std Wt or Hvy Wt Hinge (Each)	\$7
CONH	Continuous Hinge Reinf (14Ga) ~T	\$77
CONN	Cont Hinge - NO REINF (Special Width) ~T	\$34
<i>Hg Qty</i>	Each Additional Hinge (Per Hinge)	\$17

* Note HW if Heavy Weight (450HW)

23 Closer / Holder Type		
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39
MOH	Mortised Overhead Closer / Holder	\$156
COC	Concealed Overhead Closer	\$231

24 Bolt Type (Flush Bolt)		
FB	Flush Bolt Preparation (ANSI 115.4)	\$74
AFB	Auto FlushBolt Prep (12" Top CL)	\$74
SBR	Surface Bolt Reinforcement	\$38

Bolt Preparations shown are for Top AND Bottom Bolts.

25 Dutch Door Options		
DTCH	Dutch Door / Non Labeled	\$460
DTS	Dutch Door Shelf (7" Snap On)	\$345

C SERIES - CONTINUOUS WELD EDGE - STEEL STIFFENED CORE

Steel Stiffened Core Only.

C Series Base				
Standard Sizes		18 Gauge	16 Gauge	14 Gauge
Width	Height	CRS	CRS	CRS
2-0, 2-4	6' 8"	\$1,066	\$1,284	\$1,665
2-6, 2-8,		\$1,098	\$1,317	\$1,698
2-10, 3-0		\$1,138	\$1,358	\$1,737
3-4, 3-6, 3-8		\$1,314	\$1,532	\$1,913
3-10, 4-0		\$1,488	\$1,706	\$2,087

2-0, 2-4	7' 0"	\$1,083	\$1,302	\$1,682
2-6, 2-8,		\$1,133	\$1,352	\$1,733
2-10, 3-0		\$1,176	\$1,393	\$1,776
3-4, 3-6, 3-8		\$1,355	\$1,572	\$1,954
3-10, 4-0		\$1,523	\$1,742	\$2,122

2-0, 2-4	7' 2"	\$1,275	\$1,493	\$1,874
2-6, 2-8,		\$1,321	\$1,539	\$1,920
2-10, 3-0		\$1,363	\$1,581	\$1,962
3-4, 3-6, 3-8		\$1,547	\$1,764	\$2,146
3-10, 4-0		\$1,710	\$1,929	\$2,310

FOR DOORS LARGER THAN 4-0x8-0 CONTACT FACTORY

PLEASE NOTE:

The chart price above includes CYL,MP Lock Preparation and standard weight 4-1/2" Hinges at Pioneer standard location.

Code	Description	Add
3 Door Construction		
C	Continuous Weld - Seamless Edge Steel Stiffened	N/C
<i>All C Series Doors will have seamless center seam edge; continuously welded across door height.</i>		

25 Additional Core		
PS	Polystyrene Between Stiffeners	\$75
TS	Polyurethane Between Stiffeners	\$275

5 Material Type		
C	Cold Rolled Steel	N/C
G	Galvannealed Material	\$53

6 Door Thickness		
4	1-3/4" Thick Door	N/C
<i>1-3/8" Doors Not Available in LW Series (See H Series)</i>		

7 Pair / Single / DE Pair		
SNGL	Single Opening Door Leaf	N/C
PAIR	Door Leaf in Std Pair Opening	N/C
DBLE	Door Leaf in Dbl Egress Opng	N/C
<i>See Page 40 for Pair Sizing notes.</i>		

STANDARD ELEVATIONS - WITH KIT AND/OR LOUVER INSTALLED (Add)

Fixed Size 1/4" Kit & Y Blade Louver Prices Shown - See Engineered Door Section for Additional Options.

V	10x10*	G68	N3	NG68	FG68	L1	L2	L3
		22 x 30	3 x 33*	6 x 30	22 x 60			
		G70	N4	NG70	FG70			
		22 x 34	4 x 25*	6 x 34	22 x 64	12 x 12	12 x 24	24 x 24
			N5					
			5 x 20*					
CRS	\$314	\$541	\$415	\$452	\$867	\$415	\$541	\$666
GALV	\$355	\$626	\$475	\$521	\$1,033	\$491	\$641	\$791

Cutout Only {Core in Place}: (P) **Not Available**

Cutout Only {Cut & Reinf.}: (B) \$160

*Pioneer Stocks V, N3, N4, and N5 CRS kits. All other sizes will be ordered per job.

C SERIES - ADDITIONAL PREPARATIONS (ADDERS)

For Additional Preparations
See the Engineered Door Section

Code	Description	Add
8 Astragals - Add to Strike & Bolt Prep		
<i>Flat Astragal</i>		
FS	Flat Astragal (Screw Applied)	\$112
FL	Flat Astragal (Shipped Loose)	\$73
<i>Z Astragal</i>		
ZS	Z Astragal (Screw Applied)	\$145
ZL	Z Astragal (Shipped Loose)	\$109

Note: Astragal Price does not include Strike or FB Price.

10/11 Non-Standard Sizes		
Price Next Larger Size Door and Add the following:		
SW	Special Width Up to 4'0**	\$34
SH	Special Height Up to 8'0**	\$34

12 Primary Lock - Device Types - Strikes		
<i>Cylindrical Locks</i>		
CYL	Cylindrical Lock	<i>NC</i>
T	Cylindrical -Turtle	<i>NC</i>
L	Cylindrical Lock w/ Thru Bolt ~T	\$34
<i>Mortised Locks</i>		
MP	Multi-purpose (Blank Face #86 Edge)	<i>NC</i>
MST	Mortised - Sectional Trim ~T	\$55
<i>Exit Device - Reinforce Only</i>		
RP	Rim Panic (Reinf Only)	\$40
SVR	Surface Vert. Rod (Reinf Only)	\$77
MPAN	Mortised - Exit Device (Reinf Only)	\$40
RMP	Multi-Purpose (Works w\ MP, SVR, or RP)	\$77
<i>Exit Device - Preparation</i>		
RPP	Rim Exit Device w\ Prep ~T	\$79
SVRP	Surface Vert. Rod w\ Prep ~T	\$119
CVR	Concealed Vertical Rod Prep ~T	\$437
MPNP	Mortised - Exit Device w\ Prep ~T	\$79
<i>Primary Strike Preparations</i>		
478	4-7/8" Lipped Strike	\$32
234	2-3/4" Lipped Strike	\$32

14 Secondary Locks & Strikes		
<i>DeadLock</i>		
CDL	Cylindrical Dead Lock >= 48"CL AFF	\$55
MDL	Mortised Dead Lock >= 48"CL AFF	\$77
<i>DeadLock Strikes</i>		
478N	4-7/8" No Lipped Strike	\$45
234N	2-3/4" No Lipped Strike	\$45

~T = Include Template w/ Order

Code	Description	Add
13/22 Hardware Location Other than S Series & Pioneer		
	Non-Standard Hinge or Lock Location	\$34
<i>*Waived Over Qty 10 Doors (Identical Location & Height)</i>		

16 Undercut		
5/8	5/8" Undercut	<i>NC</i>
3/4	Special Undercut*(Other than 5/8")	\$25
<i>* Adder waived over Qty 20 Doors</i>		

17 Label Variations		
L	Label Needed	\$32
N	No Label Needed	<i>NC</i>
	<i>Metal Label Designation</i>	\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.

18/19 Top / Bottom Door Caps Installed		
<i>Top Cap Installed</i>		
STS	Screw Applied	\$47
STW	Tack Weld Application	\$103
STF	Tack Welded and Filled (Water Tight)	\$160
VIN	Vinyl Top Cap Channel	\$30
<i>Top and Bottom Cap Installed</i>		
STBS	Steel Top & Bottom Cap Screwed on	\$94
STBW	Steel Top & Bottom Cap Tack Welded on	\$268
STBF	Steel Top & Bottom Welded on and Filled	\$380

20-22 Hinges		
450(HW)	4-1/2" Std Wt or Hvy Wt Hinge (Each)	<i>NC</i>
500(HW)	5" Std Wt or Hvy Wt Hinge (Each)	\$7
CONH	Continuous Hinge Reinf (14Ga) ~T	\$77
CONN	Cont Hinge - NO REINF (Special Width) ~T	\$34
<i>Hg Qty</i>	Each Additional Hinge (Per Hinge)	\$17

* Note HW if Heavy Weight (450HW)

23 Closer / Holder Type		
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39
MOH	Mortised Overhead Closer / Holder	\$156
COC	Concealed Overhead Closer	\$231

24 Bolt Type (Flush Bolt)		
FB	Flush Bolt Preparation (ANSI 115.4)	\$74
AFB	Auto FlushBolt Prep (12" Top CL)	\$74
SBR	Surface Bolt Reinforcement	\$38

Bolt Preparations shown are for Top AND Bottom Bolts.

25 Dutch Door Options		
DTCH	Dutch Door / Non Labeled	\$460
DTS	Dutch Door Shelf (7" Snap On)	\$345

EH SERIES - LOCKSEAM EDGE - EMBOSSED PANEL

Honeycomb or Polystyrene Core

EH Series Base		
Standard Sizes		18 Gauge
Width	Height	GALV
2-0, 2-4	6' 8"	NA
2-6, 2-8		\$930
2-10, 3-0		\$930
3-4, 3-6		\$1300*
3-8 †		\$1594*

2-0, 2-4	7' 0"	NA
2-6, 2-8		\$995
2-10, 3-0		\$995
3-4, 3-6		\$1316*
3-8 †		\$1610*

2-0, 2-4	7' 2"	NA
2-6, 2-8		NA
2-10, 3-0		\$1244*
3-4, 3-6		\$1456*
3-8 **		\$1749*

Code	Description
9	Standard Elevations
6P	6 Panel Embossed
2P	2 Panel (>2'10" Only)

INCLUDED IN CHART PRICE

*Call for availability and lead time. Core limitations may apply for larger doors.

Code	Description	Add
3	Door Construction	
EH	Honeycomb Core	N/C
EP	Polystyrene Core	\$84
_F	Seamless Edge / Tack & Fill <i>EHF, EPF Types</i>	\$90

4 Steel Type		
16	16 Gage Material	CF

NOTE: Consult Factory for 16Ga availability, lead-time extensions, and pricing.

5 Material Type		
C	Cold Rolled Steel	Not Available
G	Galvannealed Material	N/C

6 Door Thickness		
4	1-3/4" Thick Door	N/C
8	1-3/8" Thick Door	\$45
1-3/8" Door ONLY Available in EH Series.		

7 Pair / Single / DE Pair		
SNGL	Single Opening Door Leaf	N/C
PAIR	Door Leaf in Std Pair Opening	N/C
DBLE	Door Leaf in Dbl Egress Opng	N/C
See Page 40 for Pair Sizing notes.		

PLEASE NOTE:

The chart price above includes CYL,MP Lock Preparation and standard weight 4-1/2" Hinges at Pioneer standard location.

**** NOTICE: DOORS OVER 3'-6" Wide will be constructed with Seamless Edge.**

This charge is included in the chart price above.

9 OPTIONAL ELEVATIONS and SPECIAL KIT INSTALLMENT (Limited to Standard Patterns Only)

Fixed Size 1/4" Kit Prices Shown - See Engineered Door Section for Additional Options.

1P 1 Panel Custom Min Ord Qty 50	4P 4 Panel Custom Min Ord Qty 50	SHAKER STYLE**		GE 6 Panel with Half Glass	GE1 2 Panel with Half Glass (>2'10" Only)	V2E 6 Panel with 2 Vision Lites
		1S - 1 Panel Min Ord Qty 50	2S - 2 Panel Min Ord Qty 50			
Add \$100	Add \$100	Add \$300	Add \$300	Metal Kit Supplied & Installed by Pioneer		
Call for availability, lead time, core, and size limitations for all custom panel options shown above.				\$873	\$873	\$844
Contact Factory for Cutout Only Availability						

** SHAKER style door elevations are ONLY available with POLYSTYRENE Core.

ADA REQUIREMENTS MAY IMPACT THE PANEL LAYOUT - CONTACT FACTORY FOR DETAILS
OTHER STYLES MAY BE AVAILABLE UPON REQUEST.

EH SERIES - ADDITIONAL PREPARATIONS (ADDERS)

For Additional Preparations
See the Engineered Door Section

Code	Description	Add
8 Astragals - Add to Strike & Bolt Prep		
<i>Flat Astragal</i>		
FS	Flat Astragal (Screw Applied)	\$112
FL	Flat Astragal (Shipped Loose)	\$73
<i>Z Astragal</i>		
ZS	Z Astragal (Screw Applied)	\$145
ZL	Z Astragal (Shipped Loose)	\$109

Note: Astragal Price does not include Strike or FB Preparation.

10/11 Non-Standard Sizes		
Price Next Larger Size Door and Add the following:		
SW	Special Width Up to 3'8"	\$34
SH	Special Height Up to 8'0"	\$34
* Larger sizes may be available based on pattern. CF		

12 Primary Lock - Device Types - Strikes		
<i>Cylindrical Locks</i>		
CYL	Cylindrical Lock	NC
T	Cylindrical -Turtle	NC
L	Cylindrical Lock w/ Thru Bolt ~T	\$34
<i>Mortised Locks</i>		
MP	Multi-purpose (Blank Face #86 Edge)	NC
MST	Mortised - Sectional Trim ~T	\$55
<i>Exit Device - Reinforce Only</i>		
RP	Rim Panic (Reinf Only)	\$40
SVR	Surface Vert. Rod (Reinf Only)	\$77
MPAN	Mortised - Exit Device (Reinf Only)	\$40
RMP	Multi-Purpose (Works w\ MP, SVR, or RP)	\$77
<i>Exit Device - Preparation</i>		
RPP	Rim Exit Device w\ Prep ~T	\$79
SVRP	Surface Vert. Rod w\ Prep ~T	\$119
CVR	Concealed Vertical Rod Prep ~T	\$437
MPNP	Mortised - Exit Device w\ Prep ~T	\$79
<i>Primary Strike Preparations</i>		
478	4-7/8" Lipped Strike	\$32
234	2-3/4" Lipped Strike	\$32

14 Secondary Locks & Strikes		
<i>DeadLock</i>		
CDL	Cylindrical Dead Lock >= 48"CL AFF	\$55
MDL	Mortised Dead Lock >= 48"CL AFF	\$77
<i>DeadLock Strikes</i>		
478N	4-7/8" No Lipped Strike	\$45
234N	2-3/4" No Lipped Strike	\$45

CF = Consult Factory NC = No Charge

~T = Include Template w/ Order

Code	Description	Add
13/22 Hardware Location Other than S Series & Pioneer		
	Non-Standard Hinge or Lock Location	\$34
*Waived Over Qty 10 Doors (Identical Location & Height)		

16 Undercut		
5/8	5/8" Undercut	NC
3/4	Special Undercut*(Other than 5/8")	\$25
* Adder waived over Qty 20 Doors		

17 Label Variations		
L	Label Needed	\$32
N	No Label Needed	NC
	Metal Label Designation	\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.

18/19 Top / Bottom Door Caps Installed		
<i>Top Cap Installed</i>		
STS	Screw Applied	\$47
STW	Tack Weld Application	\$103
STF	Tack Welded and Filled (Water Tight)	\$160
VIN	Vinyl Top Cap Channel	\$30
<i>Top and Bottom Cap Installed</i>		
STBS	Steel Top & Bottom Cap Screwed on	\$94
STBW	Steel Top & Bottom Cap Tack Welded on	\$268
STBF	Steel Top & Bottom Welded on and Filled	\$380

20-22 Hinges		
450(HW)	4-1/2" Std Wt or Hvy Wt Hinge (Each)	NC
500(HW)	5" Std Wt or Hvy Wt Hinge (Each)	\$7
CONH	Continuous Hinge Reinf (14Ga) ~T	\$77
CONN	Cont Hinge - NO REINF (Special Width) ~T	\$34
<i>Hg Qty</i>	Each Additional Hinge (Per Hinge)	\$17

* Note HW if Heavy Weight (450HW)

23 Closer / Holder Type		
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39
MOH	Mortised Overhead Closer / Holder	\$156
COC	Concealed Overhead Closer	\$231

24 Bolt Type (Flush Bolt)		
FB	Flush Bolt Preparation (ANSI 115.4)	\$74
AFB	Auto FlushBolt Prep (12" Top CL)	\$74
SBR	Surface Bolt Reinforcement	\$38

Bolt Preparations shown are for Top AND Bottom Bolts.

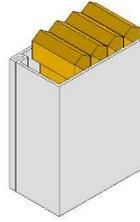
25 Door Construction (Additional)		
BVLD	Beveled Edge (1/8" Over 2")	NC
VW	Interviewer Preparation	\$23

TRANSOM (or SIDE) PANELS

Chart Price does not include mounting hardware (screws, bars, brackets) or installation.

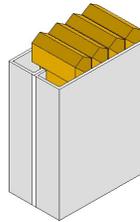
8 PAN - Transom Panel Base Price		
Thru Size	Width	
Height	3-0	4-0
H Series	18 GA - 1-3/4"	
Up to 5-0	\$441	\$584
6-0	\$494	\$662
7-0	\$546	\$769
8-0	\$641	\$864

Lockseam H Series Edge / Honeycomb Core Type



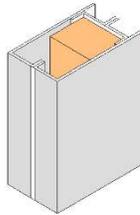
CH Series	18 GA - 1-3/4"	
Up to 5-0	\$569	\$711
6-0	\$646	\$814
7-0	\$751	\$974
8-0	\$846	\$1,068

Seamless CH Series Edge / Honeycomb Core Type



C Series	18 GA - 1-3/4"	
Up to 5-0	\$742	\$885
6-0	\$809	\$977
7-0	\$914	\$1,137
8-0	\$1,118	\$1,340

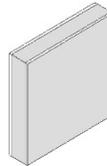
Seamless C Series Edge / Steel Stiffened Core Type



Laminated Panels (5/8" Thick)

LAM Series	18 GA	
1-6	\$407	\$473
3-0	\$473	\$581
4-0	\$543	\$684
5-0	\$615	\$792
6-0	\$684	\$896
7-0	\$756	\$999
8-0	\$824	\$1,107

Unfinished Open Edge / Composite Core



Code	Description	Add
------	-------------	-----

3 Panel Construction (Add to H Series)		
H	Honeycomb Core	N/C
HP	Polystyrene Core	\$53
HT	PolyUrethane Core	\$231
-F	SEAMLESS Edge / Tack & Fill <i>HF, HPF, HTF, or HRF Series</i>	\$90

3 Panel Construction (Add to CH Series)		
CH	Honeycomb Core	N/C
CHP	Polystyrene Core	\$53
CHT	Polyurethane Core	\$231
<i>All CH Series Doors will have seamless center seam edge; continuously welded across door height.</i>		

4 Panel Gauge		
16	16 Gauge Material	\$168

5 Material Type		
C	Cold Rolled Steel	<i>Included in Chart Price</i>
G	Galvannealed Material	\$53

5 Panel Bottom Types		
RTA	Rabbet Bottom (Type A)	\$601
		<i>For C Type Edge (Center) C, CH, CHP, CHT Only</i> EACH
RTB	Rabbet Bottom (Type B)	\$437
		<i>For H Type Edge (Lockseam) H, HP, HT Only</i> EACH

23 Closer Type		
PAC	Regular or Parallel Arm Closer	\$15

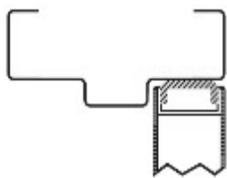
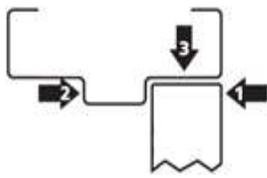
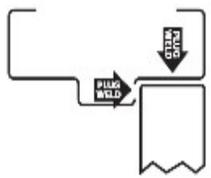
24 Bolt / VR Strike		
VR	Vertical Rod Strike (Each)	\$42
FB	Flush Bolt Strike Preparation	\$42

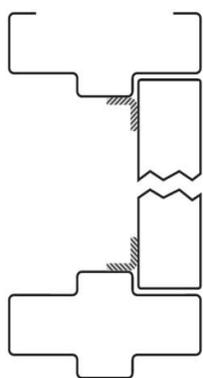
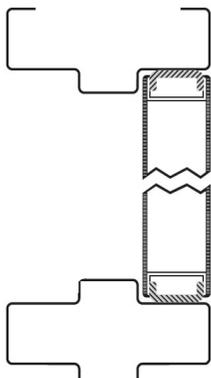
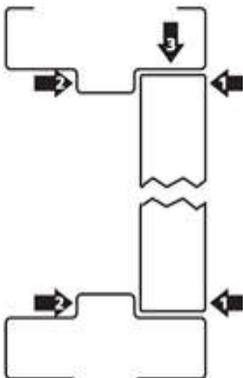
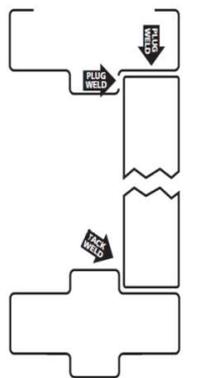
Panels to be used in transom opening without bar will be finished on top and bottom only. Vertical edges will have an inverted channel edge type. Panel used with transom bar will have longest edge finished.

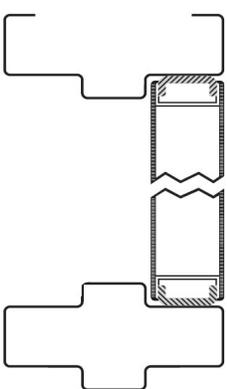
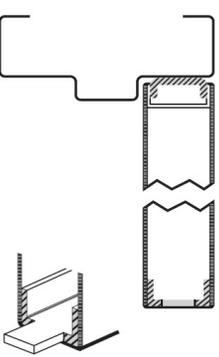
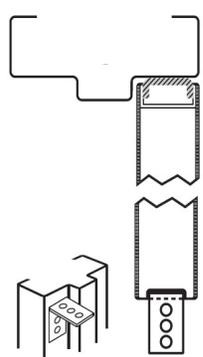
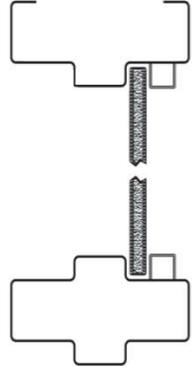
NOTE:

Panels used with Transom Bars differ in size than those used without. Please note whether a transom bar will be used, when ordering.

TRANSOM PANEL INSTALLATION KITS (TYPES)

25 NO TRANSOM BAR INSTALLATION			
			
<p><i>Angle at Top and Both Sides.</i></p> <p>Screwed in Place.</p> <p>3/4" x 3/4" x 16Ga.</p> <p>Qty 6 - 1/2" SMS (8" OC)</p>	<p><i>Channel Welded at Top and Both Sides</i></p> <p>5/8" x 1-7/16" x 16Ga.</p> <p>May be Screwed or Welded in Place.</p>	<p><i>Panel Screwed Directly to Frame.</i></p> <p>8 SMS's at Top and Both Sides.</p> <p>1.) Thru Panel to Stop (or)</p> <p>2.) Thru Stop to Panel (or)</p> <p>3.) Thru Rabbet to Panel.</p>	<p><i>Panel Plug Welded to Frame on Top and Both Sides.</i></p> <p>8" OC / May be Welded at Face of Stop or Rabbet.</p>
A	Add \$61	B	Add \$168
C	Add \$168	D	Add \$168

25 WITH TRANSOM BAR INSTALLATION			
			
<p><i>Angle at All Sides.</i></p> <p>Screwed in Place.</p> <p>See Above</p>	<p><i>Channel Welded at All Sides.</i></p> <p>See Above</p>	<p><i>Panel Screwed Directly to Frame.</i></p> <p>See Above</p>	<p><i>Panel Plug Welded to Frame on Top and Sides and Tacked on Transom Bar.</i></p>
E	Add \$84	F	Add \$252
G	Add \$252	H	Add \$252

25 LABELED TRANSOM PANELS (UL)		LAMINATED PANEL	
			
<p><i>Channel Welded / All Sides</i></p> <p>5/8" x 1-7/16" x 16Ga.</p>	<p><i>Channel Welded / Top & Sides</i></p> <p>12 Gage Bottom Channel</p> <p>Engages into Frame Slot.</p>	<p><i>Channel Welded / Top & Sides</i></p> <p>Panel is Removable by Releasing 3/16" Angle.</p>	<p>3/4" Moulding for UL (M)</p> <p>5/8" Moulding for Non Labelled. (NL)</p>
J	Add \$252	L	Add \$252
K	Add \$252	M (UL)	Add \$148
		NL	Add \$84

ENGINEERED DOOR OPTIONS

Series \ Gauge \ Material \ Door Thickness

3 Series Selection		H	CH	LW	C	EH
Code	Description	Use this Pricing Method				
HONEYCOMB CORE DOORS						
H--	Honeycomb Core / Full Flush	•				
CH-	Honeycomb Core / Seamless		•			
EH-	Honeycomb Core / Embossed LS					•
POLYSTYRENE CORE DOORS*						
HP-	Polystyrene Core / Full Flush	•				
CHP-	Polystyrene Core / Seamless		•			
EP-	Polystyrene Core / Embossed LS					•
STEEL STIFFENED DOORS						
C--	Steel Stiffened / Seamless WE				•	
LW-	Steel Stiffened / Seamless LS			•		
POLYURETHANE DOORS						
HT-	PolyUrethane Core / Full Flush	•				
CHT	PolyUrethane Core / Seamless		•			
TEMP RISE DOORS						
HR-	Temp Rise Core / Full Flush	•				
CHR	Temp Rise Core / Seamless		•			
SPECIALTY DOORS - WINDSTORM / SOUND RATED / FEMA						
W70	+/-70 PSF Windstorm Door	See Special Unit Section for Pricing Pages 95-104				
W50	+/-50 PSF Windstorm Door					
STC	Sound Rated Door					
FEMA	FEMA Doors					
(-F)	SEAMLESS Add F Suffix to Full Flush (Lock Seam) code Above for a Seamless Tack & Fill Edge (Add \$90)					

4 Gage Selection		H	CH	LW	C	EH
Code	Description	See Individual Series Section (Chart) for different gauge adders.				
18	18 Gauge Material					
16	16 Gauge Material					
14	14 Gauge Material					
12	12 Gauge Material	CF	CF	CF	CF	CF

5 Material Selection		H	CH	LW	C	EH
Code	Description	List Adder				
C	CRS (Cold Rolled Steel)	N/C	N/C	N/C	N/C	NA
G	Galv (Galvannealed)	\$53	\$53	\$53	\$53	N/C

6 Door Thickness		H	CH	LW	C	EH
Code	Description	List Adder				
4	1-3/4" Door Thickness	N/C	N/C	N/C	N/C	N/C
8	1-3/8" Door Thickness* *Honeycomb or Polystyrene Core Only	\$45* H or HP	NA	NA	NA	\$45 EH Only
T2	Special Thickness (Up to 2-1/2")* *Steel Stiffened Only	NA	NA	\$1,311 LW Only	\$1,311 C Only	NA

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🖐 = Hand Req'd

ENGINEERED DOOR OPTIONS

Activity \ Astragal \ Elevation (Glass Kits)

7 Pair / Single / Double Egress Leaf			H	CH	LW	C	EH
Code	Description		List Adder				
SNGL	Single Opening Door Leaf		N/C	N/C	N/C	N/C	N/C
PAIR	Door Leaf in Standard Pair Opening		N/C	N/C	N/C	N/C	N/C
DBLE	Door Leaf in Double Egress Opening		N/C	N/C	N/C	N/C	N/C

Doors in a pair will be sized accordingly to reduce the gap based on certain hardware configurations.

8 Astragal Type			H	CH	LW	C	EH
Code	Description		List Adder				
N	No Astragal		N/C	N/C	N/C	N/C	N/C
ZS	Z Shaped Astragal (Screw Applied)		\$145	\$145	\$145	\$145	\$145
ZW	Z Shaped Astragal (Welded On)		\$195	\$195	\$195	\$195	\$195
ZL	Z Shaped Astragal (Shipped Loose)		\$109	\$109	\$109	\$109	\$109
FS	Flat Astragal (Screw Applied)		\$112	\$112	\$112	\$112	\$112
FW	Flat Astragal (Welded On)		\$166	\$166	\$166	\$166	\$166
FL	Flat Astragal (Shipped Loose)		\$73	\$73	\$73	\$73	\$73

NOTE: Astragal prices shown above do not include strike and/or flush bolt reinforcements welded to the astragal. Reinforcement tabs will be welded to the door.

9 Elevation / Style			H	CH	LW	C	EH
Dwg	Code	Description	List Adder				
	F	Flush Door Faces	No Charge for Flush Door				

NOTE: For all Non-Flush Doors with **Temperature Rise** Slab Core an additional \$157 will be added to the following.

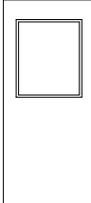
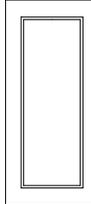
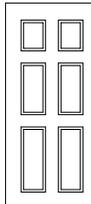
V Vision Lite Options at any location			NOTE: GLASS IS NOT INCLUDED				
	Std Kit Installed	CRS	\$197	\$197	\$314	\$314	NA
	V Vision Lite (10x10)	GALV	\$237	\$237	\$355	\$355	NA
	Cutout Only	Core in Place (P)	\$57	\$57	NA	NA	NA
		Cutout and Reinforce (B)	\$160	\$160	\$160	\$160	NA
	SK	Vision Lite (Visible Glass Perimeter <=40")	\$322	\$322	\$440	\$440	NA
Special Size for 1/4" Glass(not included) Installed in Door.			*Special Size gets CRS Kit Standard (add \$81 for Galv Kit)				
Nx Narrow Light Options at any location			NOTE: GLASS IS NOT INCLUDED				
	N3 Narrow Lite (3x33)						
	N4 Narrow Lite (4x25)	CRS	\$297	\$297	\$415	\$415	NA
	N5 Narrow Lite (5x20)	GALV	\$357	\$357	\$475	\$475	NA
	Cutout Only	Core in Place (P)	\$57	\$57	NA	NA	NA
		Cutout and Reinforce (B)	\$160	\$160	\$160	\$160	NA
SK	N Lite (Visible Glass Perimeter <=88")	\$459	\$459	\$577	\$577	NA	
Special Size for 1/4" Glass(not included) Installed in Door.			*Special Size gets CRS Kit Standard (add \$81 for Galv Kit)				
NG68/NG70 Narrow Glass Kit** at any location			NOTE: GLASS IS NOT INCLUDED				
	Std Kit Installed	CRS	\$335	\$335	\$452	\$452	NA
	6x30 (NG68) or 6x34 (NG70)	GALV	\$403	\$403	\$521	\$521	NA
	Cutout Only	Core in Place (P)	\$57	\$57	NA	NA	NA
		Cutout and Reinforce (B)	\$160	\$160	\$160	\$160	NA
	NG (or SK)	N Lite (Visible Glass Perimeter <=88")	\$459	\$459	\$577	\$577	NA
Special Size for 1/4" Glass(not included) Installed in Door.			*Special Size gets CRS Kit Standard (add \$81 for Galv Kit)				

** WARNING: Exit Devices May interfere with these Kit Types. Please check for any lock/lite conflicts prior to ordering this item.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory  = Hand Req'd

ENGINEERED DOOR OPTIONS

Elevation (Glass Kits)

9 Elevation / Style		H	CH	LW	C	EH	
<i>Code Description</i>		<i>List Adder</i>					
	G68/G70 Half Glass Kit ** at any location	NOTE: GLASS IS NOT INCLUDED					
	Standard Kit Installed	CRS	\$422	\$422	\$541	\$541	NA
	22x30 (G68) or 22x34 (G70)	GALV	\$507	\$507	\$626	\$626	NA
	Cutout Only	Core in Place (P)	\$57	\$57	NA	NA	NA
		Cutout and Reinforce (B)	\$160	\$160	\$160	\$160	NA
	G (or SK) Half Glass (Visible Glass Perimeter <=104")		\$547	\$547	\$666	\$666	NA
Special Size Half Glass (Visible Glass Perimeter <=144")		\$673	\$673	\$791	\$791	NA	
for 1/4" Glass(not included) Installed in Door.		*Special Size gets CRS Kit Standard (add \$115 for Galv Kit)					
	FG68/FG70 Full Glass Kit at any location	NOTE: GLASS IS NOT INCLUDED					
	Standard Kit Installed	CRS	NA	NA	\$867	\$867	NA
	22x60 (FG68) or 22x64 (FG70)	GALV	NA	NA	\$1,033	\$1,033	NA
	Cutout Only	Core in Place (P)	\$57	\$57	NA	NA	NA
		Cutout and Reinforce (B)	NA	NA	\$160	\$160	NA
	FG (or SK) Full Glass (Visible Glass Perimeter <=188")		NA	NA	\$992	\$992	NA
Special Size Full Glass (Visible Glass Perimeter >188")		Contact Factory				NA	
for 1/4" Glass(not included) Installed in Door.		*Special Size gets CRS Kit Standard (add \$184 for Galv Kit)					
Embossed Door with Lite Kits		NOTE: GLASS IS NOT INCLUDED					
<i>Code Description</i>		Embossed Series Only				<i>Std Kit</i>	
	VE V Kit Thru 1 Top Embossment	NA	NA	NA	NA	\$522	
	V2E Dbl Vision Kit Thru Top 2 Embossments	NA	NA	NA	NA	\$844	
	NGE NG Kit Thru Top and Mid Embossments	NA	NA	NA	NA	\$659	
	2NG Dbl NG Kit Thru Top and Mid Embossments	NA	NA	NA	NA	\$1,118	
	GE HG Kit Over All Top 4 Embossments	NA	NA	NA	NA	\$873	
	GE1 HG Kit Over All Top 2 Embossments	NA	NA	NA	NA	\$873	
SEE EH SERIES DOOR CHARTS for all embossed elevation options.							
Cutout Only		Core in Place (P) - \$57 / Cutout and Reinforce (B) - \$160					
For 1/4" Glass Kit/ Installed in Door - Galv Only		*Spl Size and Location Not Available (Must Match Embossments)					
SK	Special Lite Kit(s) ~T	Price Each Kit Separately Using Options above as a Guide.					
Multiple Kits (for 1/4" Glass - glass not included)							

** WARNING: Exit Devices May interfere with these Kit Types. Please check for any lock/lite conflicts prior to ordering this item.

25 Additional Lite Kit Considerations (Note on Order)		H	CH	LW	C	EH
<i>Description</i>		<i>List Adder</i>				
Special Thickness Glass Up to 1-1/8" Thick Glass		Add 50% To Kit Price Shown				
Flush Moulding Glass & Glazing by Others	 Up to 1" Glass	NA	NA	Add 100% to Kit	NA	
	 1" to 1-1/2" Glass	NA	NA	Add 200% to Kit	NA	
Round Glass Kits For 1/4" Thick Glass (Order Size / Cutout Size Shown)	12" Dia Kit	\$736	\$736	\$854	\$854	NA
	18" Dia Kit	\$1,553	\$1,553	\$1,671	\$1,671	NA
	24" Dia Kit	\$1,678	\$1,678	\$1,796	\$1,796	NA
Muntin Kits Not Available with Flush Moulding		Contact Factory				
Spanner Head Screws (with driver Tip) (Per Box Price)		\$140	\$140	\$140	\$140	\$140

~T = Template Req'd

N/C = No Charge

NA = Not Applicable

CF = Contact Factory

 = Hand Req'd

ENGINEERED DOOR OPTIONS

Elevation (Louvers) \ Special Size

9 Elevation / Style			H	CH	LW	C	EH	
Code	Description	List Adder						
L_	Louvered Door Options	at any location						
	L1 Louver (12x12)	CRS	\$297	\$297	\$415	\$415	NA	
		GALV	\$357	\$357	\$491	\$491	NA	
	L2 Louver (24x12)	CRS	\$422	\$422	\$541	\$541	NA	
		GALV	\$507	\$507	\$641	\$641	NA	
	L3 Louver (24x24)	CRS	\$547	\$547	\$666	\$666	NA	
		GALV	\$659	\$659	\$791	\$791	NA	
Cutout Only			\$57	\$57	\$160	\$160	NA	
			<i>Core in Place (Stitch)</i>		<i>Cutout & Reinf</i>		NA	
SK	Special Size (Std Louver)	Add Per Louver	Perimeter Dim.	List Adder				
	Standard CRS Non-Labeled Louver	For GALV Louvers add 25%	<=56"	\$360	\$360	\$477	\$477	NA
			<=84"	\$485	\$485	\$604	\$604	NA
			<=100"	\$673	\$673	\$791	\$791	NA
			<=116"	\$861	\$861	\$980	\$980	NA
			<=132"	\$1,113	\$1,113	\$1,231	\$1,231	NA
			<=164"	\$1,553	\$1,553	\$1,671	\$1,671	NA
			<=192"	\$1,929	\$1,929	\$2,047	\$2,047	NA
			<=208"	\$2,306	\$2,306	\$2,424	\$2,424	NA
			<=216"	\$2,683	\$2,683	\$2,800	\$2,800	NA
L	(UL) Classified Louver*		\$1,005	\$1,005	\$1,005	\$1,005	NA	
Add to Flush Door Price (Does not Include Label)			4'0"x8'0" Single Max 8'0"x8'0" Pair Max					
Not Available with Polyurethane Core			Max Louver Size (24x24)					
Not available in CHT and HT Series .								

10 Nominal Width			H	CH	LW	C	EH
Code	Description	List Adder					
Standard Nominal Width Selections							
20-40	2'0", 2'4", 2'6", 2'8", 2'10" 3'0", 3'4", 3'6", 3'10", 4'0"	See Chart (Base) Pricing for Each Series					
Special or Non-Standard Width							
SW	Special Width (Thru 4'0") Waived at Qty 20 Doors		\$34	\$34	\$34	\$34	\$34
Oversized Special Width							
SW	Width Over 4'0" - Available in "C" Series Only	See Oversized Door Chart on following Page					

11 Nominal Height			H	CH	LW	C	EH
Code	Description	List Adder					
Standard Nominal Height Selections							
68-80	6'8", 7'0", 7'2", 7'10", 8'0"	See Chart (Base) Pricing for Each Series					
Special or Non-Standard Height							
SH	Special Height (Thru 8'0") Waived at Qty 20 Doors		\$34	\$34	\$34	\$34	\$34
Oversized Special Height							
SH	Height Over 8'0" - Available in "C" Series Only	See Oversized Door Chart on following Page					

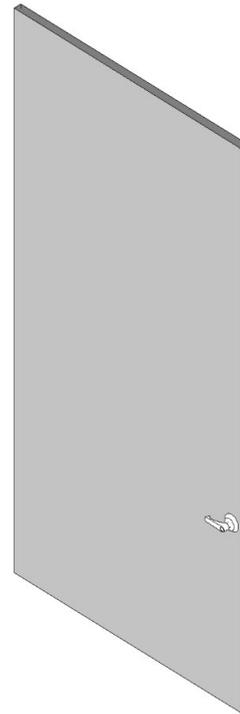
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OVERSIZED DOOR ADDS

Special Size (Oversized Doors) Doors larger than 4'0" x 8'0"

H SERIES - 18 GA PRICING - SHOWN (ADD TO BASE DOOR SHOWN)				
Size Needed		Add to Base Door Price by Size		
<i>Up to Size Shown</i>		<i>Cold Rolled</i>	<i>Galvannealed</i>	<i>Add To Series</i>
Width	Height	CRS	GALV	Base Door Size
4-0	9-0	\$199	\$203	Add to Like Width x 8-0
4-0	9-6	\$394	\$411	Add to Like Width x 8-0

FOR C/LW SERIES PRICING PLEASE CONTACT FACTORY
Up to 8-0x12-0 (Shipped Singularly)
Up to 8-0x16-0 (Shipped in Units for Field Splice)



Example Pricing Scenario:

3-6 x 9-6 H Series 18C =	
Base 3-6 x 8-0 (Page 14)	\$765
Adder From This Chart	\$394
Total	\$1,159

LABELLING INFORMATION

Honeycomb Doors: 3'-0"x9'-6" SINGLE and 6'-0"x9'-6" PAIR – Max Fire Rating 90 MIN when used with listed hardware. Requires listed fire pin at head of active leaf.

C Series Doors: 4'-0"x10'-0" SINGLE and 8'-0"x10'-0" PAIR - Fire Rating to 3 Hours when used with listed hardware and installed in Masonry Walls.

C Series Doors: 5'-0"x12'-0" SINGLE and 10'-0"x12'-0" PAIR - Max Fire Rating 90 MIN when used with hardware listed for 10' Doors, and listed pin at head of the active leaf.

NOTES ON OVERSIZED DOOR PRODUCTS

- *Prices Shown are to be added to the Base Door Price of the Size(s) shown.*
- *For Oversized Doors (Larger than 4'0" x 8'0") C or LW Series Doors are suggested.*
- *H and CH Series Doors are only available in 18Ga up to 9'6".*
- *LW Series Doors are only available in 16Ga up to 9'6".*
- *C Series Doors are not available in 18Ga.*
- *Please note that Doors over 12' High will be shipped in units to be splice welded in the field. Some oversized doors under 12' High may also be spliced for shipment purposes. Consult factory for specifics.*
- *An Additional \$300 to \$350 NET Crating Charge may be applied for Oversized Door Shipments. Consult factory for more accurate logistics pricing.*

ENGINEERED DOOR OPTIONS

Primary Locks \ Strikes

12	Primary Lock \ Strike \ Exit Device		H	CH	LW	C	EH
Code	Description		List Adds				
ACTIVE DOOR PREPARATIONS (Locks & Exit Devices)							
<u>Lock Preparations (Gov't 86 & 161 Reinf. & Edge)</u>							
MP	Multi-purpose (Blank Face #86 Edge)		N/C	N/C	N/C	N/C	N/C
MST	Mortised Lock with Sectional Trim	~T 	\$55	\$55	\$55	\$55	\$55
CRLP	Card Reader Lock (Mortise Preparation)	~T 	\$55	\$55	\$55	\$55	\$55
CRDP	Dual Preparation Card Reader Lock	~T 	\$220	\$220	\$220	\$220	\$220
CRL2	Card Reader Lock (Cylindrical Preparation)	~T 	\$55	\$55	\$55	\$55	\$55
CYL	Cylindrical Lock Prep (2-1/8" Dia @ 2-3/4"BS)		N/C	N/C	N/C	N/C	N/C
CBF	Cylindrical Lock Edge - BLANK FACE		N/C	N/C	N/C	N/C	N/C
CBE	Cylindrical Lock Hole - BLANK EDGE		N/C	N/C	N/C	N/C	N/C
T	Universal Lever Lock Prep (Turtle Prep)		N/C	N/C	N/C	N/C	N/C
L	Cylindrical Lock with Lever Reinf Holes	~T	\$35	\$35	\$35	\$35	\$35
ICL2*	Interconnecting Lock (within 7"CL or Less)	~T	\$90/Set	\$90/Set	\$90/Set	\$90/Set	\$90/Set
<u>Other Non-Standard Lock Preparations</u>							
90U	Gov't 90 Unit Lock Preparation	~T 	\$86	\$86	\$86	\$86	\$86
PP	Push / Pull Reinforce Only		\$39	\$39	\$39	\$39	\$39
FP	Flush Pull Preparation	~T 	\$55	\$55	\$55	\$55	\$55
3PTL	Three (3) or Two (2) Point Lock Device	~T 	NA	NA	NA	\$630	NA
DTRP	Dummy Trim Mounting Holes	~T 	\$79	\$79	\$79	\$79	\$79
EP	Edge Pull for Pocket Door	~T 	\$105	\$105	\$105	\$105	\$105
<u>Exit Devices Reinforce Only</u>							
RP	Rim Panic Device		\$40	\$40	\$40	\$40	\$40
SVR	Surface Vertical Rod Device (Active x Active Pair)		\$77	\$77	\$77	\$77	\$77
RBA	Exit Device and Rod Reinforcement (Active in Pair)		\$77	\$77	\$77	\$77	\$77
RBI	Exit Device and Rod Reinforcement (Inactive in Pair)		\$77	\$77	\$77	\$77	\$77
MPAN	Mortised Panic Device (Gov't 86 Edge)		\$40	\$40	\$40	\$40	\$40
RMP	Multi-purpose (RP, MPAN or SVR)		\$77	\$77	\$77	\$77	\$77
<u>Reinforce and Prepare Function Holes</u>							
RPP	Rim Panic Device Preparation	~T 	\$79	\$79	\$79	\$79	\$79
SVRP	Surface Vertical Rod Preparation	~T 	\$119	\$119	\$119	\$119	\$119
CVR	Concealed Vertical Rod Preparation	~T 	\$437	\$437	\$437	\$437	\$437
MPNP	Mortised Panic Device Preparation	~T 	\$79	\$79	\$79	\$79	\$79
RED	Recessed Exit Device	~T 	\$502	\$502	\$605	\$605	NA
SPL	Special Primary Locking Device (Not Shown)	~T 	CF	CF	CF	CF	CF

LABELING NOTE: Less Bottom Rod (LBR) devices will require a fire latch when the door is labeled. See FL Option on page 39.

INACTIVE DOOR PREPARATIONS (Strikes)		See Feature #14 for Deadlock / Scondary Strike Options					
PRIMARY STRIKE PREPARATIONS		H	CH	LW	C	EH	
478	4-7/8" Standard Lipped Strike (478N N for No Lip)		\$32	\$32	\$32	\$32	\$32
234	2-3/4" Standard Lipped Strike (234N for No Lip)		\$32	\$32	\$32	\$32	\$32
ESTK	Electric Strike Preparation	~T 	\$76	\$76	\$76	\$76	\$76
EMDL/OBS	Emergency Dbl Lip or OpenBack Strike	~T 	\$142	\$142	\$142	\$142	\$142
RSTK	Rim Panic Strike Reinforcement	~T 	\$79	\$79	\$79	\$79	\$79
ICS2*	Interconnecting Strikes (within 7" or Less)	~T	\$88/Set	\$88/Set	\$88/Set	\$88/Set	\$88/Set

* Interconnected Lock Prices Shown account for BOTH primary and secondary Locks(or Strikes).

If ordered sperately and the centerline of the devices is within 7"; additional charges will be added to account for the difference.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory  = Hand Req'd

ENGINEERED DOOR OPTIONS

Secondary(Dead)Locks \ Handing \ Undercut \ Label

PLEASE NOTE: DETENTION HARDWARE IS NOT AVAILABLE.

13 Primary Lock Location		H	CH	LW	C	EH
Code	Description	List Adder				
PIO	Standard Pioneer Lock Location	N/C	N/C	N/C	N/C	N/C
S--	S Series (Std Lock Location)	N/C	N/C	N/C	N/C	N/C
SPL	Special Lock Location* Note Door Manufacturer ~T	\$34 - Waived at Qty 10 same height doors with identical location.				
---	Device Specific Location (Location Shown on Template)	N/C	N/C	N/C	N/C	N/C

* Pioneer will locate competitor hardware based on the last SDI publication, it is suggested to provide ALL hardware dimensions to ensure proper fit and function as some publications may be inaccurate.

14 Secondary Locks / Strike (Deadlocks)		H	CH	LW	C	EH
Code	Description	List Adder				
ACTIVE DOOR PREPARATIONS (Deadlocks)						
CDL	Cylindrical Deadlock *	~T	\$55	\$55	\$55	\$55
MDL	Mortised Deadlock *	~T 	\$77	\$77	\$77	\$77
SPL	Special Deadlock *	~T 	CF	CF	CF	CF
C160	Cylindrical Deadlock w/ 1" Edge *	~T 	\$55	\$55	\$55	\$55
INACTIVE DOOR PREPARATIONS (Deadlock Strikes)						
478N	4-7/8" No Lipped Strike *		\$45	\$45	\$45	\$45
234N	2-3/4" No Lipped Strike *		\$45	\$45	\$45	\$45
SPL	Special Deadlock Strike *	~T 	CF	CF	CF	CF

* If there is a distance of <=7" between the Centerline of the Primary Lock/Strike and the Secondary Lock/Strike, an Interconnected charge will be applied for reinforcement modification. See ICL2 and/or ICS2 on the previous page.

15 Door Handing		H	CH	LW	C	EH
RH	Right Handed Door	N/C	N/C	N/C	N/C	N/C
RHR	Right Hand Reverse Door	N/C	N/C	N/C	N/C	N/C
LH	Left Handed Door	N/C	N/C	N/C	N/C	N/C
LHR	Left Hand Reverse Door	N/C	N/C	N/C	N/C	N/C
NH	Non-Handed Door (Reversible)	N/C	N/C	N/C	N/C	N/C

Note: When hand is specified door will be Beveled (Lock & Hinge); when NH door will be Square Edged unless specified.

16 Undercut Options		H	CH	LW	C	EH
5/8	5/8" Standard Undercut	N/C	N/C	N/C	N/C	N/C
3/4	3/4" Typical Undercut ~T	\$25 (waived at qty of 20 Doors)				
SPL	Special Undercut ~T	\$25 (waived at qty of 20 Doors)				
0/0	No Undercut (MUST SUPPLY ALL HDWE DIMENSIONS) ~T	Special Height Add may be applied.				

17 Label Options*		H	CH	LW	C	EH
L	Label Required (Mylar)** 	\$32 (Mylar) / \$75 (Metal)				
N	No Label Required	N/C	N/C	N/C	N/C	N/C

** PIONEER WILL ADD THE LABEL DESIGNATING THE HIGHEST POSSIBLE RATING TO THE DOOR PRODUCT. (WHI as Default)

For Specific Label Please Note a.) Agency [UL, WHI] b.) Hourly Rating [A,B,C], and c.) Metal  or Mylar in the additional notes section on the order form.

***Label Add Does not Include Optional Hardware or Reinforcements Required for Classification.**

SEE TECH DATA FOR LABELLING REQUIREMENTS

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory  = Hand Req'd

ENGINEERED DOOR OPTIONS

Top and Bottom Caps \ Hinge Preparation

18/19 Top and Bottom Caps / Installed		H	CH	LW	C	EH
Code	Description	List Adder				
<u>Top(ST*) or Bottom(SB*) Cap Preparations</u>						
STS/SBS	Steel Cap (Screwed On) STS=Top Only, SBS=Bottom Only	\$47	\$47	\$47	\$47	\$47
STW/SBW	Steel Cap (Welded On) STW=Top Only, SBW=Bottom Only	\$103	\$103	\$103	\$103	\$103
STF/SBF	Steel Cap (Weather Tight - Tacked & Filled)	\$160	\$160	\$160	\$160	\$160
<u>Steel Top & Bottom (BOTH) Cap Preparations</u>						
STBS	Top & Bottom Cap (Screwed On) x 2	\$94	\$94	\$94	\$94	\$94
STBW	Top & Bottom Cap (Welded On) x 2	\$268	\$268	\$268	\$268	\$268
STBF	Top & Bottom (Weather Tight - Tacked & Filled) x 2	\$380	\$380	\$380	\$380	\$380

20 Hinge Preparation		H	CH	LW	C	EH
NOHNG	No Hinge Preparation (Blank Hinge Edge)	N/C	N/C	N/C	N/C	N/C
<u>Standard Hinge Preparations</u>						
350--	3-1/2" Hinge Prep-.130 Thick(N/C for 1-3/8" Door) (Each)	\$23	\$23	\$23	\$23	\$23
450--	4-1/2" Standard Weight Hinge	N/C	N/C	N/C	N/C	N/C
500--	5" Standard Weight Hinge (Each) 	\$7	\$7	\$7	\$7	\$7
450HW	4-1/2" Heavy Duty Hinge Preps (Each)	N/C	N/C	N/C	N/C	N/C
500HW	5" Heavy Duty Hinge Preps (Each) 	\$7	\$7	\$7	\$7	\$7
<u>Continuous or Surface Applied Hinges</u>						
CONH	Reinforce for Continuous Hinge ~T 	\$77 Total (Reinf.=\$43 / Special Width=\$34)				
CONN	Continuous Hinge - No Reinforcement ~T 	N/C or \$34 (for Special Width) When Applicable.				
CONU	Universal Cont Hinge (C* Series Only) ~T 	\$120 Total (Reinf.=\$86 / Special Width=\$34)				

^ For Cont Hinge Please Note: Surface, Half Surface, or Mortised Type, and Net Door Size.

<u>Pivots Type Hinge Preparations</u>		Note: Threshold and Undercut Dimensions needed for Pivot Hinges.				
PIVOT	Single or Dbl Acting Top & Bottom (Each) ~T 	\$197	\$197	\$197	\$197	\$197
POCKT	Pocket Pivot (Recessed Channel) (Each) ~T 	\$197	\$197	\$197	\$197	\$197
<u>Non-Standard Butt Hinge Preparation</u>						
400--	4" Template Hinge (Each) ~T 	\$23	\$23	\$23	\$23	\$23
<i>Note: 4" Hinge is not recommended for 1-3/8" Door</i>						
DM67H	Dbl Mortised or 6" or 7" Hinge (Each) ~T 	\$33	\$33	\$33	\$33	\$33
RNDCH	Rounded or Non Template Hinge (Each) ~T 	\$77	\$77	\$77	\$77	\$77
<u>Spring Hinge Preparations</u>						
SASPH	Single Acting Spring Hinge (Each) ~T 	\$23	\$23	\$23	\$23	\$23
DASPH	Dbl Acting Spring Hinge (Each) ~T	\$33	\$33	\$33	\$33	\$33
<u>Other Hinge Preparations</u>						
INVH	Invisible (Concealed) Hinge (Each) ~T 	\$218	\$218	\$218	\$218	\$218
<i>PLEASE NOTE: Some Invisible Hinges require a receiver (not provided by Pioneer Industries).</i>						
<u>Anchor Hinge Preparations</u>						
ANCHR	Anchor Hinge Preparation* ~T 	\$218	\$218	\$218	\$218	\$218
<i>*Anchor Hinge Preparation includes Secondary Hinges at Standard Locations. Reinforcements at top and top-side of door will not be drilled or tapped.</i>						

NOTE: For Additional Hinge Preparations (Electric Hinge, High Frequency Hinge .. Etc.) - See Page 39 Additional Preparations

Hinge Backset:	Door Thickness	Hinge Sizes	Std Backset	Min (NonStd) Backset	Special Backsets less than min shown will require drilling/tapping. Contact Factory for price.
	1-3/4"	4", 4-1/2", 5"	7/32"	3/16"	

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory  = Hand Req'd

ENGINEERED DOOR OPTIONS

Hinge Qty \ Location \ Closer \ Bolt Type \ Tag(Mark)#

21 Hinge Quantity		H	CH	LW	C	EH
Qty	Description	List Adder				
1-7	Standard Hinge Qty (Based on Chart Below)	N/C	N/C	N/C	N/C	N/C
+1	Additional Hinge Preparation (for EACH Add'tnl Hinge)	\$17	\$17	\$17	\$17	\$17

Qty 1 Hinge Denotes Continuous Hinge Preparation

STANDARD HINGE QUANTITY						
Thru Door Height	5'-0"	7'-6"	10'-0"	12'-6"	15'-0"	17'-6"
Standard Qty	Two (2)	Three (3)	Four (4)	Five (5)	Six (6)	Seven (7)

22 Hinge Location		H	CH	LW	C	EH
Code	Description	List Adder				
PIO	Pioneer Lock Location	N/C	N/C	N/C	N/C	N/C
S--	S Series Lock Location	N/C	N/C	N/C	N/C	N/C
SPL	Special Hardware Location*	\$34 - Waived at qty 10 Doors (Identical Height and Location)				

* Please note name of other door manufacturer if applicable. (N/C if already added for Spl Lock or Strike Location)

23 Closer or Holder Preparation		H	CH	LW	C	EH
Code	Description	List Adder				
STD	Std Regular Arm Closer Reinforcement	NA	NA	NA	NA	\$15

STD (Smaller) closer reinforcements will only be used when interference issues occur (ie Embossments or Lite Kits).

PAC	Regular or Parallel Arm Closer Reinforcement	\$15	\$15	\$15	\$15	\$15
SOH	Surface Applied Overhead Holder / Closer	~T	☞	\$39	\$39	\$39
MOH	Mort Overhd Closer (Track or Bracket in Door)	~T	☞	\$156	\$156	\$156
COC	Concealed Closer (Full Closer inside Door)	~T	☞	\$231	\$231	\$231
SCC	Smok-Check Type Closer	~T	☞	\$116	\$116	\$116
FRNC	FIRE RATED Door with No Closer Reinforcement	N/C	N/C	N/C	N/C	N/C

FRNC will denote acknowledgement that an acceptable means of closure be used to maintain fire label guidelines.

24 Bolt Type		H	CH	LW	C	EH
Code	Description	List Adder				
FB	Std FlushBolt Preparation (ANSI A115.4)	☞	\$74	\$74	\$74	\$74
AFB	Automatic Flush Bolt Preparation (12" Top to CL)	~T	☞	\$74	\$74	\$74
AFSP	Auto Flush Bolt at Special Locations	~T	☞	\$74	\$74	\$74
SBR	Surface Bolt Reinforcement	☞	\$38	\$38	\$38	\$38
EMH	Electro-Magnetic Hold (Reinforcement)	~T	☞	\$38	\$38	\$38
AFBT	Auto FB (ANSI) Top Only (12" Top to CL)	☞	\$74	\$74	\$74	\$74

Note: Flushbolt Preparations shown above are for both top & bottom bolts unless otherwise stated.

LABEL NOTE: Bolt Preparations that do not have bottom engagement will require a fire latch when the door is labeled. See FL Option on page 39.

26 Tag or Mark #		H	CH	LW	C	EH
Segregate Order By Floor	(Each Door)	\$9	\$9	\$9	\$9	\$9

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory ☞ = Hand Req'd

ENGINEERED DOOR OPTIONS

Additional Preparations \ Core \ Edge \ Dutch Doors

25 Additional Preparations					H	CH	LW	C	EH
Code	Description				List Adder				
<u>Door Edge Types</u>					H	CH	LW	C	EH
<input type="radio"/>	BVLD(B)	Beveled Both Edges	Default when Handed	☞	N/C	N/C	N/C	N/C	N/C
<input type="radio"/>	SQRE	Square Both Edges	Default when Non Handed		N/C	N/C	N/C	N/C	N/C
<input type="radio"/>	BLN(B)	Bull Nose Both Edges		~T ☞	NA	\$1,050	NA	\$1,050	NA
<input type="radio"/>	BLN(L)	Bull Nose Lock Edge		~T ☞	NA	\$525	NA	\$525	NA
<input type="radio"/>	BLN(H)	Bull Nose Hinge Edge		~T ☞	NA	\$525	NA	\$525	NA
<input type="radio"/>	BVLD(L)**	Beveled Lock Edge Only**		☞	** ONLY AVAILABLE WHEN SPECIFIED ON HARDWARE TEMPLATE.				
<i>Note: When hand is specified door will be Beveled (Lock & Hinge); when NH door will be Square Edged unless specified.</i>									
<input type="radio"/>	RSA	Rabbetted Stiles (Type A)	Each Edge	☞	NA	\$900	NA	\$900	NA
 Type A Rabbet at Door Midpoint <u>Please Consult Pioneer with hardware specifications and additional Charges.</u>									
<input type="radio"/>	RSB	Rabbetted Stiles (Type B)	Each Edge	☞	\$900	NA	\$900	NA	\$900
 Type B Rabbet at Door Edge <u>Please Consult Pioneer with hardware specifications and additional Charges.</u>									
<input type="radio"/>	RTA	Rabbetted Top or Bottom	Each Edge	☞	NA	\$900	NA	\$900	NA
 Type A Rabbet at Door Midpoint <u>Please Consult Pioneer with hardware specifications and additional Charges.</u>									
<input type="radio"/>	RTB	Rabbetted Top or Bottom	Each Edge	☞	\$900	NA	\$900	NA	\$900
 Type B Rabbet at Door Edge <u>Please Consult Pioneer with hardware specifications and additional Charges.</u>									
<u>Special Construction Applications</u>					H	CH	LW	C	EH
<input type="radio"/>	WK	Wicket Doors	Call for Availability	☞	NA	NA	\$1,500	\$1,500	NA
<input type="radio"/>	PCBS (PS)	Polysyterene Between Stiffeners			NA	NA	\$75	\$75	NA
<input type="radio"/>	UCBS (TS)	PolyUrethane Between Stiffeners			NA	NA	\$275	\$275	NA
<u>Dutch Doors</u>					H	CH	LW	C	EH
Code	Description				List Adder				
<input type="radio"/>	DTCH	DUTCH DOOR (Not Labeled)			\$442	\$442	\$560	\$560	NA
<input type="radio"/>	DTCH	DUTCH DOOR with (UL) Label	Up to 3-6x7-6		\$736	\$736	\$855	\$855	NA
<i>Astragal(s) Included in Price (Must Add for Label)</i>									
<input type="radio"/>	DTS	Dutch Door Shelf - Snap on	7" or less, One Side		\$445	\$445	\$445	\$445	NA
		Dutch Door Shelf - Welded on	7" or less, One Side		\$695	\$695	\$695	\$695	NA
		Dutch Shelf Projected Two Sides			Add 100% to Shelf Price				
		Up to 10" Shelf			Add 50% to Shelf Price				
<u>Monorail Preparation</u>					H	CH	LW	C	EH
<input type="radio"/>	MNO	Mono Rail Cutout (Per Leaf)	-Gasket not included		NA	NA	\$750	\$750	NA
<input type="radio"/>	MRG	Mono Rail Gasket (Per Leaf)			NA	NA	CF	CF	NA
<u>Lead Lined Door Options*</u>					H	CH	LW	C	EH
<input type="radio"/>	LLDW	Lead Lined (1/16" Thk Lead - 40x80 Max - STBW End Caps)			NA	NA	\$2,016	\$2,016	NA
<input type="radio"/>	LLDF	Lead Lined (1/16" Thk Lead - 40x80 Ma - STBF End Caps)			NA	NA	\$2,128	\$2,128	NA
<input type="radio"/>	LLA	Lead Lined Flat Astragal - Screw Applied			NA	NA	\$874	\$874	NA

Additional Lead Cutout Charges for Doors that are not Flush (for Lead Lined Doors) will apply.

Contact factory for additional Kit and Cutout charges for our lead lined products or Special Lead thickness'.

*Lead Lined Doors are only available as an add to C Series & LW Series (16Ga) capping charges are included.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory ☞ = Hand Req'd

ENGINEERED DOOR OPTIONS

Additional Preparations \ Hinge \ Electric \ Misc

25 Additional Preparations		H	CH	LW	C	EH
Code	Description	List Adder				

<u>Additional Hinge Preparations</u>		H	CH	LW	C	EH
<input type="radio"/>	<i>HFH</i> High Frequency Hinge Reinf. (Each) ~T 	\$23	\$23	\$23	\$23	\$23
<input type="radio"/>	<i>IPV</i> Intermediate Pivot Hinge (Each) ~T 	\$132	\$132	\$132	\$132	\$132

<u>Electric Preparations</u>		H	CH	LW	C	EH
<input type="radio"/>	<i>ELH</i> Elec /Security Hinge Prep /Hole (Each) ~T 	\$23	\$23	\$23	\$23	\$23
<input type="radio"/>	<i>PTP</i> Power Transfer Prep (Each) ~T 	\$86	\$86	\$86	\$86	\$86
<input type="radio"/>	<i>CN4</i> 3/4" Conduit Thru Door + (Each) ~T 	\$180	\$180	\$350	\$350	\$180
<input type="radio"/>	<i>MAG</i> Magnetic Switch (Hole Type) (Each) ~T 	\$39	\$39	\$39	\$39	\$39
<input type="radio"/>	<i>DPS</i> Door Position Switch (Each) ~T 	\$134	\$134	\$134	\$134	\$134

+ Works with ElectroLynx (Harness provided by others)

<u>Lock Preparations</u>		H	CH	LW	C	EH
<input type="radio"/>	<i>BSS</i> Non Std Lock Backset (Add to Lock) ~T 	\$30	\$30	\$30	\$30	\$30

<u>Special Operation Preparations</u>		H	CH	LW	C	EH
<input type="radio"/>	<i>AOP</i> Automatic Operator (Reinforcement Only) ~T 	NA	NA	\$350	\$350	NA
<input type="radio"/>	<i>RSB</i> Reinforce for Spring Bumpers (Each) ~T 	NA	NA	\$510	\$510	NA
<input type="radio"/>	<i>MS</i> Mail Slot Full Reinf on C/LW Stitch on H/CH ~T 	\$45	\$45	\$82	\$82	NA
<input type="radio"/>	<i>VW</i> Interviewer Prep (Each) ~T 	\$23	\$23	\$39	\$39	\$23
<input type="radio"/>	<i>VW2</i> (2x) Interviewer Preps (Pair) ~T 	\$46	\$46	\$78	\$78	\$46

Viewer(s) Note: Please Provide dimension(s) AFF to Viewer Hole & Diameter of Hole needed (or template with this information).

<input type="radio"/>	<i>HL</i> Hospital Lock/Latch (Each) ~T 	\$55	\$55	\$55	\$55	\$55
<input type="radio"/>	<i>RL</i> Roller Latch Preparation (Each) ~T 	\$65	\$65	\$65	\$65	\$65
<input type="radio"/>	<i>FL</i> Fire Latch / Fire Bolt (Each) ~T 	\$40	\$40	\$40	\$40	\$40

<u>Door Bottom Preparations</u>		H	CH	LW	C	EH
<input type="radio"/>	<i>MDB</i> Mortised Door Bottom ~T 	\$200	\$200	\$200	\$200	\$200
<input type="radio"/>	<i>SDB</i> Surface Applied Door Bottom ~T 	\$45	\$45	\$45	\$45	\$45
*MDB Option does not include plunger hole preparations.						

<u>Door Paint Options</u>		H	CH	LW	C	EH
<input type="radio"/>	<i>NOPP</i> No Prime Paint (Galv Doors Only)	NC	NC	NC	NC	NC

PACKAGING NOTES:

- Doors shipping directly to the jobsite will be shipped without cardboard end protectors to reduce jobsite waste.
- Some oversized doors will require custom packaging and additional charges may be applied.

~T = Template Req'd

N/C = No Charge

NA = Not Applicable

CF = Contact Factory

 = Hand Req'd

DOOR - HARDWARE PREPARATION NOTES

For Standard Door Series H, CH, LW, C, and EH

HANDING

- All doors with handing specified will be beveled on both lock and hinge edge unless otherwise stated.
- Certain doors will be handed according to the hardware device and/or Lite Kit and Louver preparation. These options have been marked with the hand symbol shown. For these doors, it is suggested that a handing be defined.
 = Hand Req'd
- Certain situations will require door handing and/or beveling as well as edge conditions. These requirements must be stated at time of purchase using the nomenclature below.

15	Door Handing
	<i>Code Description</i>
	RH Right Handed Door
	RHR Right Hand Reverse Door
	LH Left Handed Door
	LHR Left Hand Reverse Door
	NH Non-Handed/Reversible

25	Door Edge Types
	<i>Code Description</i>
	SQE Square Edge
	BVLD Beveled Door Edge
	BLN Bull Nose Door Edge
	RSA Rabbetted Stiles (Type A)
	RSB Rabbetted Stiles (Type B)

Please Note that a LockSeam Door with a beveled edge has seam on the "Wide" side of the door.

HINGES

- All Standard Series Doors will Prepared with Mortised 4-1/2" x 4-1/2" Hinges by default, at Pioneer or S Series Standard Locations and Quantities. Standard Heights (6'8", 7'0" and 7'2") will have a quantity of 3 hinges, while 7'10" and 8'0" will be prepared for a quantity of 4 hinges.
- Standard 4-1/2" Hinges can be converted from regular to heavy weight hinges by substituting the filler plate. By default 4-1/2" Hinges are supplied with Regular Weight filler plates.
- See Hinge Feature and Options on previous pages for notes regarding Standard Qty vs. Height and Std Backset.

PANIC HARDWARE

When ordering a door with a panic device, a template must be provided. Pioneer will locate the device in accordance with the manufacturers template unless otherwise specified.

Pioneer recommends that all doors with Lite Kit and Panic Devices be reviewed before order is placed. Conventional style Panic Devices can be used in some cases where interference occurs.

Pioneer will attempt to bring attention to conflicts of this nature but will not be responsible for interference issues of this variety.

~T = Template Req'd

N/C = No Charge

NA = Not Applicable

CF = Contact Factory

 = Hand Req'd

LOCKS

Lock and/or Strike options are shown on Page 34. New nomenclature has redefined the following codes.

- BA** Blank Active (Will now be noted as **(NOLP)** No Lock Prep) No Lock Prep cutout or reinforcing.
- RBA** Reinforced Blank Active (Like SVR) . WILL HAVE STANDARD HINGE & LOCK SIDE UNDERSIZING.
- BI** Blank Inactive (Will use code **(NOLP)** Actual (Net) Size will have to be manually noted.
- RBI** Reinforced Blank Inactive (Like SVR) WILL BE SIZED AS INACTIVE DOOR (+1/8" to Reduce Gap w/Flat or No Astragal.)
- INA** Inactive Door with Standard Preparations (Should be ordered as Lock Code: **(478)**, and Bolt Code **(FB)** Universal 4-7/8" Strike and Flush Bolts.

DOOR PAIRS / INACTIVE / SIZING

Inactive Doors without astragals or using Flat Astragals will be oversized (1/8") to reduce gap between doors in paired openings. Active x Active pairs will be equally sized.

CLOSERS

Standard Doors are available with No Closer, Regular Arm, and Parallel Arm closer reinforcements. Closer Reinforcements must be specified on the order. NOTE: Some types of Parallel Arm Closer Require thru-bolts and/or a drop plate.

Please use option FRNC for Labeled doors with no closer acknowledging alternative closure device usage.

MANUFACTURING TOLERANCES

As a member of SDI, Pioneer holds manufacturing tolerances per SDI Technical Data (SDI 117-13).

ESTIMATED DOOR WEIGHTS

Size	Ser Gage	H or CH			LW or C		
		18	16	14	18	16	14
2070		69	83	104	83	97	122
3070		104	124	155	124	146	183
4070		139	165	206	165	195	245
2080		79	94	118	94	111	139
3080		119	142	178	142	167	209
4080		158	189	236	189	222	278

Weights shown are approximations based on averages.

PACKAGING

Doors shipping directly to the jobsite will be shipped without cardboard end protectors to reduce jobsite waste.

Some oversized doors will require custom packaging and additional charges may be applied.

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F SERIES - COMPLETE 3 SIDED FRAME UNITS

MASONRY UNITS			16 GAGE MATERIAL			14 GAGE MATERIAL			18 GAGE MATERIAL			
Hgt.	Width	Depth	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"	
6-8	SINGLE OPENING (3S)											
	2-0, 2-4		\$218	\$236	\$265	\$292	\$312	\$340	\$191	\$210	\$237	
	2-6, 2-8, 2-10, 3-0		\$224	\$242	\$272	\$299	\$317	\$347	\$197	\$215	\$244	
	3-4, 3-6, 3-8, 3-10, 4-0		\$231	\$249	\$278	\$305	\$325	\$353	\$203	\$223	\$251	
	PAIR OPENING (3P)											
	4-0		\$243	\$260	\$291	\$317	\$338	\$364	\$216	\$235	\$262	
4-8, 5-0, 5-4, 5-8, 6-0		\$294	\$310	\$345	\$368	\$388	\$419	\$267	\$285	\$316		
6-8, 7-0, 7-4, 7-8, 8-0		\$309	\$326	\$361	\$383	\$404	\$433	\$282	\$301	\$330		
7-0	SINGLE OPENING (3S)											
	2-0, 2-4		\$221	\$239	\$268	\$295	\$315	\$343	\$194	\$213	\$240	
	2-6, 2-8, 2-10, 3-0		\$227	\$245	\$275	\$302	\$320	\$350	\$200	\$218	\$247	
	3-4, 3-6, 3-8, 3-10, 4-0		\$234	\$252	\$281	\$308	\$328	\$356	\$206	\$226	\$254	
	PAIR OPENING (3P)											
	4-0		\$247	\$264	\$295	\$321	\$342	\$368	\$220	\$239	\$266	
4-8, 5-0, 5-4, 5-8, 6-0		\$298	\$314	\$349	\$372	\$392	\$423	\$271	\$289	\$320		
6-8, 7-0, 7-4, 7-8, 8-0		\$313	\$330	\$365	\$387	\$408	\$437	\$286	\$305	\$334		
7-2	SINGLE OPENING (3S)											
	2-0, 2-4		\$273	\$295	\$330	\$347	\$369	\$404	\$240	\$260	\$296	
	2-6, 2-8, 2-10, 3-0		\$279	\$301	\$337	\$354	\$374	\$411	\$246	\$265	\$303	
	3-4, 3-6, 3-8, 3-10, 4-0		\$286	\$308	\$343	\$360	\$382	\$417	\$252	\$273	\$310	
	PAIR OPENING (3P)											
	4-0		\$299	\$324	\$355	\$375	\$398	\$430	\$268	\$289	\$324	
4-8, 5-0, 5-4, 5-8, 6-0		\$350	\$374	\$409	\$426	\$448	\$485	\$319	\$339	\$378		
6-8, 7-0, 7-4, 7-8, 8-0		\$365	\$390	\$425	\$441	\$464	\$499	\$334	\$355	\$392		
7-10 & 8-0	SINGLE OPENING (3S)											
	2-0, 2-4		\$288	\$309	\$344	\$361	\$385	\$418	\$253	\$276	\$309	
	2-6, 2-8, 2-10, 3-0		\$294	\$315	\$351	\$368	\$390	\$425	\$259	\$281	\$316	
	3-4, 3-6, 3-8, 3-10, 4-0		\$301	\$322	\$357	\$374	\$398	\$431	\$265	\$289	\$323	
	PAIR OPENING (3P)											
	4-0		\$317	\$338	\$369	\$391	\$412	\$444	\$282	\$303	\$336	
4-8, 5-0, 5-4, 5-8, 6-0		\$368	\$388	\$423	\$442	\$462	\$499	\$333	\$353	\$390		
6-8, 7-0, 7-4, 7-8, 8-0		\$383	\$404	\$439	\$457	\$478	\$513	\$348	\$369	\$404		

Note: F Series Frames are Masonry Profile Equal Rabbet (ER) Frames with a Standard 2" Face Profile.

18	Welding Options*	To 8-3/4"	Over 8-3/4"
FW	Setup and Face Weld	\$79	\$101
CW	Continuous Throat Weld	\$136	\$183

*Smaller Qty Weleaded Units may require additional crating charges.

Pioneer's default policy is to bundle and tag Custom Frames as part of the normal manufacturing process. All bundling charges are included in the price of the frames.

Additional requests like, "Segregate by Floor" are an extra charge and can be found in the Engineering section of this Pricing Guide.

19	Anchor Options (Weld In) 2" Face / Equal Rabbet		
MAS	Masonry Anchor	(Each)	\$8.00
WS	Wood Stud Anchor	(Each Location)	\$7.00
STS	Steel Stud Hi Hat {4-7/8 to 6-1/8}	(Each)	\$7.00
	Steel Stud ZClip {All other depths}	(Each)	\$12.00
EO	Existing Opening	(Each)	\$12.00
	E.O. Labeled (EOBF)	(Each UL)	\$20.00

See Pages 66-67 for more anchor options.

BOLTS ARE NOT INCLUDED IN ANCHOR PRICE but may be required to be supplied for UL opening. Price seperately.

F SERIES - COMPLETE 3 SIDED FRAME UNITS (ADDERS)

Code	Description	Add
5 Material Type		
G	Galvannealed Material	
(14)G	14 Ga Galvannealed	Single \$45 Pair \$56
(16)G	16 Ga Galvannealed	Single \$36 Pair \$43
(18)G	18 Ga Galvannealed	Single \$31 Pair \$38

6 Door Thickness		
1-3/8	1-3/8" Door Frame	Each Component \$15

7 Rabbet Type		
SP	Special (Other Than 1-15/16" or 1-9/16")	\$72
SR	Single Rabbet (Over 4-3/8" Depth)	\$36
CO	Cased Opening	NC
DE	Double Egress (w/ Applied Stop)	\$408

25 Construction Variations		
3C*	3 Sided Communicating Frame	Up to 7-6 \$96 Over 7-6 to 8-0 \$113
DTCH	Dutch Frame (Extra Hinge) See Pg70	\$17

*Price Includes Additional Strike and/or Hinges

9 Jamb Depth Variations (CRS Shown)		
SPD	Non Standard up to 8-3/4" Depth	NC
SPD	Non Standard Over 8-3/4" to 12-3/4"	
	16 / 18 Ga - Width to 4-0	\$96
	16 / 18 Ga - Width Over 4-0	\$115
	14 Ga - Width to 4-0	\$127
	14 Ga - Width Over 4-0	\$153

For Larger Sizes and Variations See Page 62

10/11 Size Variations		
SW	Special Width Thru 8-0x8-0 *	\$17
SH	Special Height Thru 8-0x8-0 **	NC

* Price Next Larger Size & Add (Waived at Qty 10)

** Price Next larger Size

For Sizes Larger than 8-0x8-0 See Page 63

12 Primary Strike		
BLNK	Blank Strike Jamb	NC
SASR	Stop Applied Strike Reinf.	\$17
478/234	Standard Strike	NC

13/22 Hardware Location <i>Waived @ 10 Like Pcs</i>		
SPL*	Special Location (Strike and/or Hinge)	\$34

*Other than Pioneer Std and S Type Locations.

14 Additional Strike		
478/234	Standard Strike (any Location)	\$45

Code	Description	Add
16 Face		
2H2J	2" Head and 2" Face Jamb	To 40x80 NC To 80x80 NC
SPL	1" - 2" Face**	To 40x80 \$100 To 80x80 \$120
	UL: 1-1/4"Min Welded / 2"Min KD	
SPL	>2" to 4" Face**	To 40x80 \$220 To 80x80 \$264
4H2J	4" Face Head	(H) Single \$44 (PH) Pair \$65
6H2J	6" Face Head	(H) Single \$77 (PH) Pair \$115

** Price Includes all 3 Components w/ Special Face.

17 Label Type		
L	Label Required	Single \$19
	SEE TECH DATA FOR REQUIREMENTS	Pair \$38

See Page 66 for Specific Label Notation.

20-21 Hinge Preparation		
450(HW)	4-1/2" Std or Heavy Weight	NC
500(HW)	5" Std or Heavy Weight (Per Hinge)	\$6
CONH	Continuous Hinge Reinf (14Ga)	\$77
NOHNG	No Hinge or Cont Hinge w/NO REINF.	NC
	Each Additional Hinge (Per Hinge)	\$17

23 Closer Type		
REG- or PAC-	Surface Closer Reinforcement	Single \$14
	(\$14 Per Closer Reinforcement)	Pair \$28
RPTJ	Regular, PAC, and Top Jamb reinforcements (all 3)	Single \$42 Pair \$84

24 Bolt Type		
FBKO	Standard Flush Bolt Knock Out	NC
FBM	Mortised Flush Bolt Strike	Each \$42
CVRS_	CVR Mortise Strike Head	Each \$42

25 Uniseal Frame		
WF	Uniseal Series Frame*	
	16 or 18 Gage	\$81
	14 Gage	\$108
* Seals are not included in Price - See Frame Parts for gasket(seal) pricing. - Part# 90455 (Pg 93)		
*Setup Charges for Uniseal Frame must be applied.		
	Under 20 Frames	\$1,260
	Under 50 Frames	\$840
	Over 50 Frames	NC

F SERIES - COMPONENT PARTS / HEADS & JAMBS

COMPONENT PARTS			16 GAGE MATERIAL			14 GAGE MATERIAL			18 GAGE MATERIAL		
Type	Size	Depth	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"
Jamb Components											
Hinge (HJ)	6-8		\$93	\$100	\$111	\$122	\$131	\$140	\$82	\$90	\$99
	7-0		\$95	\$102	\$113	\$124	\$133	\$142	\$84	\$92	\$101
	7-2		\$121	\$132	\$143	\$151	\$161	\$173	\$108	\$117	\$130
	7-10 & 8-0		\$130	\$139	\$150	\$159	\$168	\$180	\$115	\$124	\$136
Strike (SJ)	6-8		\$82	\$90	\$99	\$112	\$119	\$130	\$71	\$79	\$89
	7-0		\$83	\$91	\$100	\$113	\$120	\$131	\$72	\$80	\$90
	7-2		\$109	\$117	\$132	\$138	\$146	\$161	\$94	\$102	\$117
	7-10 & 8-0		\$115	\$124	\$139	\$144	\$155	\$168	\$100	\$111	\$124

Blank Jambs and Cased Opening Jambs will be priced the same as Strike Jambs.

8 Frame Component Type	
HJ-	HINGE JAMB COMPONENT
SJ-	STRIKE JAMB COMPONENT

Use the Chart Shown Above for these components:

COMPONENT PARTS			16 GAGE MATERIAL			14 GAGE MATERIAL			18 GAGE MATERIAL		
Type	Size	Depth	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"
Head Components											
2" Single (H)	2-0, 2-4		\$35	\$38	\$47	\$50	\$54	\$62	\$30	\$33	\$41
	2-6, 2-8, 2-10, 3-0		\$41	\$44	\$54	\$57	\$59	\$69	\$36	\$38	\$48
	3-4, 3-6, 3-8, 3-10, 4-0		\$48	\$51	\$60	\$63	\$67	\$75	\$42	\$46	\$55
2" Pair (PH)	4-0		\$49	\$52	\$61	\$65	\$68	\$76	\$44	\$47	\$56
	4-8, 5-0, 5-4, 5-8, 6-0		\$100	\$102	\$115	\$116	\$118	\$131	\$95	\$97	\$110
	6-8, 7-0, 7-4, 7-8, 8-0		\$115	\$118	\$131	\$131	\$134	\$145	\$110	\$113	\$124
4" Single (H)	2-0, 2-4		\$79	\$82	\$91	\$94	\$98	\$106	\$74	\$77	\$85
	2-6, 2-8, 2-10, 3-0		\$85	\$88	\$98	\$101	\$103	\$113	\$80	\$82	\$92
	3-4, 3-6, 3-8, 3-10, 4-0		\$92	\$95	\$104	\$107	\$111	\$119	\$86	\$90	\$99
4" Pair (PH)	4-0		\$114	\$117	\$126	\$130	\$133	\$141	\$109	\$112	\$121
	4-8, 5-0, 5-4, 5-8, 6-0		\$165	\$167	\$180	\$181	\$183	\$196	\$160	\$162	\$175
	6-8, 7-0, 7-4, 7-8, 8-0		\$180	\$183	\$196	\$196	\$199	\$210	\$175	\$178	\$189

Cased Opening Heads will be priced as Standard 2" Face Head.

8 Frame Component Type	
H--	SINGLE HEAD
PH-	PAIR HEAD

Use the Chart Shown Above for these components:

F SERIES - COMPONENT PARTS (ADDERS)

Code	Description	Add
5 Material Type - Galvannealed		
(14)G	14 Galv Jamb (SJ or HJ)	\$19
	14 Galv Single Head (H)	\$7
	14 Galv Pair Head (PH)	\$18
(16)G	16 Galv Jamb (SJ or HJ)	\$15
	16 Galv Single Head (H)	\$6
	16 Galv Pair Head (PH)	\$13
(18)G	18 Galv Jamb (SJ or HJ)	\$13
	18 Galv Single Head (H)	\$5
	18 Galv Pair Head (PH)	\$12

6 Door Thickness			
1-3/8	1-3/8" Door Frame	Each Pc	\$15
7 Rabbet Type			
SP	Special (Other Than 1-15/16" or 1-9/16")		\$24
SR	Single Rabbet (Over 4-3/8" Depth)		\$12
CO	Cased Opening		N/C
DE(PH)	Double Egress (Applied Stop) Head		\$164
DE(HJ)	Double Egress Jamb		\$122

25 Construction Variations			
(HJ)	Communicating HJ	Up to 7-6	\$51
		Over 7-6 to 8-0	\$68
(SJ)	Communicating SJ		\$45
DTCH	Dutch Frame (Extra Hinge) See Pg70		\$17

9-11 Jamb Depth Variations (CRS Shown)			
SPD	Non Standard up to 8-3/4" Depth		N/C
SPD	Non Standard Over 8-3/4" to 12-3/4"		
	16 / 18 Ga - Jambs		\$39
	16 / 18 Ga - Single Heads (H)		\$18
	16 / 18 Ga - Pair Heads (PH)		\$37
	14 Ga - Jambs		\$52
	14 Ga - Single Heads (H)		\$23
	14 Ga - Pair Heads (PH)		\$49
SW	Special Width Thru 8-0 *		\$17
SH	Special Height Thru 8-0 **		N/C

* Price Next Larger Size & Add (Waived at Qty 10)

** Price Next larger Size

For Larger Sizes and Variations see Page(s) 62 & 63

12 Primary Strike		
BLNK	Blank Strike Jamb	N/C
SASR	Stop Applied Strike Reinf.	\$17
478/234	Standard Strike	N/C

13/22 Hardware Location		Waived @ 10 Like Pcs
SPL*	Special Location (Strike and/or Hinge)	\$34

Code	Description	Add
14 Additional Strike		
478/234	Standard Strike (any Location)	\$45

16 Face			
2FC	2" Face		N/C
SPL	1" to 2" Face**	To 4-0	\$10
	UL: 1-1/4"Min Welded / 2"Min KD	To 8-0	\$20
SPL	>2" to 4" Face**	To 4-0	\$22
		To 8-0	\$44
4FC	4" Face Head		See Chart
6FC	6" Face Head	(H)	Single \$77
		(PH)	Pair \$115

** Price per Each Special Face

17 Label Type			
L	Label Required	Single	\$19
	SEE TECH DATA FOR REQUIREMENTS	Pair	\$38
See Page 66 for Specific Label Notation.			

20-21 Hinge Preparation		
450(HW)	4-1/2" Std or Heavy Weight	N/C
500(HW)	5" Std or Heavy Weight (Per Hinge)	\$6
CONH	Continuous Hinge Reinf (14Ga)	\$77
NOHNG	No Hinge or Cont Hinge w/NO REINF.	NC
	Each Additional Hinge (Per Hinge)	\$17

23 Closer Type			
REG- or PAC-	Surface Closer Reinforcement	Single	\$14
	(\$14 Per Closer Reinforcement)	Pair	\$28
RPTJ	Regular, PAC, and Top Jamb reinforcements (all 3)	Single	\$42
		Pair	\$84

24 Bolt Type		
FBKO	Standard Flush Bolt Knock Out	N/C
FBM	Mortised Flush Bolt	Each \$42
CVRS_	CVR Mortise Strike Head	Each \$42

25 Uniseal Frame		
WF	Uniseal Series Frame*	
	16 or 18 Gage	\$27
	14 Gage	\$36
* Seals are not included in Price - See Frame Parts for gasket(seal) pricing. - Part# 90455 (Pg 93)		
*Setup Charges for Uniseal Frame must be applied.		
	Under 20 Fames	\$1,260
	Under 50 Frames	\$840
	Over 50 Frames	N/C

DW SERIES - COMPLETE 3 SIDED FRAME UNITS (ADDERS)

Code	Description	Add
5 Material Type		
G	Galvannealed Material	
(14)G	14 Ga Galvannealed	Single \$45
		Pair \$56
(16)G	16 Ga Galvannealed	Single \$36
		Pair \$43
(18)G	18 Ga Galvannealed	Single \$31
		Pair \$38

6 Door Thickness		
1-3/8	1-3/8" Door Frame	Each Pc \$15

7 Rabbet Type		
SP	Special (Other Than 1-15/16" or 1-9/16")	\$72
SR	Single Rabbet (Over 4-3/8" Depth)	\$36
CO	Cased Opening	NC
DE	Double Egress (w/ Applied Stop)	\$450

25 Construction Variations		
3C*	3 Sided Communicating Frame	Up to 7-6 \$96
		Over 7-6 to 8-0 \$113
DTCH	Dutch Frame (Extra Hinge) See Pg70	\$17

*Price Includes Additional Strike and/or Hinges

9 Jamb Depth Variations (CRS Shown)		
SPD	Non Standard up to 8-1/4" Depth	NC
SPD	Non Standard Over 8-1/4" to 12-3/4"	
	16 / 18 Ga - Width to 4-0	\$96
	16 / 18 Ga - Width Over 4-0	\$115
	14 Ga - Width to 4-0	\$127
	14 Ga - Width Over 4-0	\$153

For Larger Sizes and Variations See Page 62

10/11 Size Variations		
SW	Special Width Thru 8-0x8-0 *	\$17
SH	Special Height Thru 8-0x8-0 **	NC
* Price Next Larger Size & Add (Waived at Qty 10)		
** Price Next larger Size		

For Sizes Larger than 8-0x8-0 See Page 63

12 Primary Strike		
BLNK	Blank Strike Jamb	NC
SASR	Stop Applied Strike Reinf.	\$17
478/234	Standard Strike	NC

13/22 Hardware Location <i>Waived @ 10 Like Pcs</i>		
SPL*	Special Location (Strike and/or Hinge)	\$34

*Other than Pioneer Std and S Type Locations.

14 Additional Strike		
478/234	Standard Strike (any Location)	\$45

Code	Description	Add
16 Face		
2H2J	2" Head and 2" Face Jamb	To 40x80 NC
		To 80x80 NC
SPL	1-3/4" - 2" Face** For UL: 2" Jamb / 2" or 4" Head	To 40x80 \$100
		To 80x80 \$120
SPL	<1-3/4" or >2" to 6" Face**	To 40x80 \$400
		To 80x80 \$480
4H2J	4" Face Head	(H) Single \$44
		(PH) Pair \$65
6H2J	6" Face Head	(H) Single \$77
		(PH) Pair \$115

** Price Includes all 3 Components w/ Special Face.

17 Label Type		
L	Label Required	Single \$19
	SEE TECH DATA FOR REQUIREMENTS	Pair \$38
See Page 66 for Specific Label Notation.		

20-21 Hinge Preparation		
450(HW)	4-1/2" Std or Heavy Weight	NC
500(HW)	5" Std or Heavy Weight (Per Hinge)	\$6
CONH	Continuous Hinge Reinf (14Ga)	\$77
NOHNG	No Hinge or Cont Hinge w/NO REINF.	NC
	Each Additional Hinge (Per Hinge)	\$17

23 Closer Type		
REG- or PAC-	Surface Closer Reinforcement	Single \$14
	(\$14 Per Closer Reinforcement)	Pair \$28
RPTJ	Regular, PAC, and Top Jamb reinforcements (all 3)	Single \$42
		Pair \$84

24 Bolt Type		
FBKO	Standard Flush Bolt Knock Out	NC
FBM	Mortised Flush Bolt Strike	Each \$42
CVRS_	CVR Mortise Strike Head	Each \$42

25 Uniseal Frame		
WF	Uniseal Series Frame*	
	16 or 18 Gage	\$81
	14 Gage	\$108
* Seals are not included in Price - See Frame Parts for gasket(seal) pricing. - Part# 90455 (Pg 93)		
*Setup Charges for Uniseal Frame must be applied.		
	Under 20 Fames	\$1,260
	Under 50 Frames	\$840
	Over 50 Frames	NC

DW SERIES - COMPONENT PARTS / HEADERS & JAMBS

DRYWALL PARTS			16 GAGE MATERIAL			14 GAGE MATERIAL			18 GAGE MATERIAL		
Type	Size	Depth	4 1/2"	5-1/2"	6 5/8" 7"	4 1/2"	5-1/2"	6 5/8" 7"	4 1/2"	5-1/2"	6 5/8" 7"
			4-5/8"	5 5/8"	7 1/8"	4-5/8"	5 5/8"	7 1/8"	4-5/8"	5 5/8"	7 1/8"
			4-3/4"	5 7/8"	7 3/4"	4-3/4"	5 7/8"	7 3/4"	4-3/4"	5 7/8"	7 3/4"
					8 1/4"			8 1/4"			8 1/4"
8 Frame Component Type											
Hinge (HJ)	6-8		\$105	\$105	\$118	\$135	\$135	\$147	\$94	\$94	\$108
	7-0		\$108	\$108	\$121	\$137	\$137	\$151	\$96	\$96	\$111
	7-2		\$135	\$135	\$152	\$164	\$164	\$182	\$120	\$120	\$138
	7-10 & 8-0		\$142	\$142	\$159	\$172	\$172	\$188	\$128	\$128	\$144
Strike (SJ)	6-8		\$96	\$96	\$108	\$125	\$125	\$137	\$86	\$86	\$96
	7-0		\$97	\$97	\$109	\$126	\$126	\$138	\$87	\$87	\$97
	7-2		\$123	\$123	\$138	\$153	\$153	\$167	\$110	\$110	\$123
	7-10 & 8-0		\$131	\$131	\$145	\$160	\$160	\$175	\$116	\$116	\$132

Blank Jambs and Cased Opening Jambs will be priced the same as Strike Jambs.

DRYWALL PARTS			16 GAGE MATERIAL			14 GAGE MATERIAL			18 GAGE MATERIAL		
Type	Size	Depth	4 1/2"	5-1/2"	6 5/8" 7"	4 1/2"	5-1/2"	6 5/8" 7"	4 1/2"	5-1/2"	6 5/8" 7"
			4-5/8"	5 5/8"	7 1/8"	4-5/8"	5 5/8"	7 1/8"	4-5/8"	5 5/8"	7 1/8"
			4-3/4"	5 7/8"	7 3/4"	4-3/4"	5 7/8"	7 3/4"	4-3/4"	5 7/8"	7 3/4"
					8 1/4"			8 1/4"			8 1/4"
8 Frame Component Type											
2" Single (H)	2-0, 2-4		\$37	\$37	\$45	\$53	\$53	\$60	\$32	\$32	\$39
	2-6, 2-8, 2-10, 3-0		\$44	\$44	\$51	\$59	\$59	\$67	\$38	\$38	\$46
	3-4, 3-6, 3-8, 3-10, 4-0		\$50	\$50	\$58	\$66	\$66	\$73	\$45	\$45	\$53
2" Pair (PH)	4-0		\$51	\$51	\$59	\$67	\$67	\$74	\$46	\$46	\$54
	4-8, 5-0, 5-4, 5-8, 6-0		\$104	\$104	\$112	\$119	\$119	\$126	\$98	\$98	\$107
	6-8, 7-0, 7-4, 7-8, 8-0		\$118	\$118	\$126	\$134	\$134	\$142	\$113	\$113	\$121
4" Single (H)	2-0, 2-4		\$81	\$81	\$89	\$97	\$97	\$104	\$76	\$76	\$83
	2-6, 2-8, 2-10, 3-0		\$88	\$88	\$95	\$103	\$103	\$111	\$82	\$82	\$90
	3-4, 3-6, 3-8, 3-10, 4-0		\$94	\$94	\$102	\$110	\$110	\$117	\$89	\$89	\$97
4" Pair (PH)	4-0		\$116	\$116	\$124	\$132	\$132	\$139	\$111	\$111	\$119
	4-8, 5-0, 5-4, 5-8, 6-0		\$169	\$169	\$177	\$184	\$184	\$191	\$163	\$163	\$172
	6-8, 7-0, 7-4, 7-8, 8-0		\$183	\$183	\$191	\$199	\$199	\$207	\$178	\$178	\$186

Cased Opening Heads will be priced as Standard 2" Face Head.

DW SERIES - COMPONENT PARTS (ADDERS)

Code	Description	Add
5 Material Type - Galvannealed		
(14)G	14 Galv Jamb (SJ or HJ)	\$19
	14 Galv Single Head (H)	\$7
	14 Galv Pair Head (PH)	\$18
(16)G	16 Galv Jamb (SJ or HJ)	\$15
	16 Galv Single Head (H)	\$6
	16 Galv Pair Head (PH)	\$13
(18)G	18 Galv Jamb (SJ or HJ)	\$13
	18 Galv Single Head (H)	\$5
	18 Galv Pair Head (PH)	\$12

6 Door Thickness			
1-3/8	1-3/8" Door Frame	Each Pc	\$15
7 Rabbet Type			
SP	Special (Other Than 1-15/16" or 1-9/16")		\$24
SR	Single Rabbet (Over 4-3/8" Depth)		\$12
CO	Cased Opening		N/C
DE(PH)	Double Egress (Applied Stop) Head		\$164
DE(HJ)	Double Egress Jamb		\$143

25 Construction Variations			
(HJ)	Communicating HJ	Up to 7-6	\$51
		Over 7-6 to 8-0	\$68
(SJ)	Communicating SJ		\$45
DTCH	Dutch Frame (Extra Hinge) See Pg70		\$17

9-11 Jamb Depth Variations (CRS Shown)			
SPD	Non Standard up to 8-1/4" Depth		N/C
SPD	Non Standard Over 8-1/4" to 12-3/4"	16 / 18 Ga - Jambs	\$39
		16 / 18 Ga - Single Heads (H)	\$18
		16 / 18 Ga - Pair Heads (PH)	\$37
		14 Ga - Jambs	\$52
		14 Ga - Single Heads (H)	\$23
		14 Ga - Pair Heads (PH)	\$49
		SW	Special Width Thru 8-0 *
SH	Special Height Thru 8-0 **		N/C

* Price Next Larger Size & Add (Waived at Qty 10)

** Price Next larger Size

For Larger Sizes and Variations see Page(s) 62 & 63

12 Primary Strike			
BLNK	Blank Strike Jamb		N/C
SASR	Stop Applied Strike Reinf.		\$17
478/234	Standard Strike		N/C
13/22 Hardware Location Waived @ 10 Like Pcs			
SPL*	Special Location (Strike and/or Hinge)		\$34

Code	Description	Add
14 Additional Strike		
478/234	Standard Strike (any Location)	\$45

16 Face			
2FC	2" Face		N/C
SPL	1-3/4" - 2" Face**	To 4-0	\$10
		To 8-0	\$20
SPL	<1-3/4" or >2" to 6" Face**	To 4-0	\$40
		To 8-0	\$80
4FC	4" Face Head		See Chart
6FC	6" Face Head	(H)	Single \$77
		(PH)	Pair \$115

** Price per Each Special Face

17 Label Type			
L	Label Required	Single	\$19
	SEE TECH DATA FOR REQUIREMENTS	Pair	\$38
See Page 66 for Specific Label Notation.			

20-21 Hinge Preparation			
450(HW)	4-1/2" Std or Heavy Weight		N/C
500(HW)	5" Std or Heavy Weight (Per Hinge)		\$6
CONH	Continuous Hinge Reinf (14Ga)		\$77
NOHNG	No Hinge or Cont Hinge w/NO REINF.		NC
	Each Additional Hinge (Per Hinge)		\$17

23 Closer Type			
REG- or PAC-	Surface Closer Reinforcement (\$14 Per Closer Reinforcement)	Single	\$14
		Pair	\$28
RPTJ	Regular, PAC, and Top Jamb reinforcements (all 3)	Single	\$42
		Pair	\$84

24 Bolt Type			
FBKO	Standard Flush Bolt Knock Out		N/C
FBM	Mortised Flush Bolt	Each	\$42
CVRS_	CVR Mortise Strike Head	Each	\$42

25 Uniseal Frame			
WF	Uniseal Series Frame*		
	16 or 18 Gage		\$27
	14 Gage		\$36
* Seals are not included in Price - See Frame Parts for gasket(seal) pricing. - Part# 90455 (Pg 93)			
*Setup Charges for Uniseal Frame must be applied.			
	Under 20 Fames		\$1,260
	Under 50 Frames		\$840
	Over 50 Frames		N/C

BORROWED LITE UNITS / ESTIMATING REFERENCE

NOTE: This Page is for ESTIMATING ONLY / Please Refer to Cut and Notch (pg. 72) for full pricing breakdown instructions.

BORROWED LITES (4S- FRAME TYPE) - Knocked Down (KD)

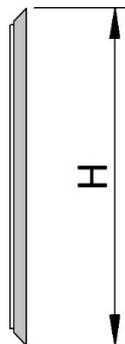
F Series			16 Gauge CRS				16 Gauge CRS						
JOW	JOH	Tot'	Dpth	To 6	6 3/4	8 3/4	JOW	JOH	Tot'	Dpth	To 6	6 3/4	8 3/4
2'	2'	10'		\$254	\$273	\$298	6'	2'	18'		\$355	\$388	\$434
2'	3'	12'		\$279	\$301	\$332	6'	3'	20'		\$380	\$417	\$468
2'	4'	14'		\$305	\$330	\$366	6'	4'	22'		\$406	\$446	\$502
2'	5'	16'		\$330	\$359	\$400	6'	5'	24'		\$431	\$475	\$536
2'	6'	18'		\$355	\$388	\$434	6'	6'	26'		\$456	\$504	\$570
2'	7'	20'		\$380	\$417	\$468	6'	7'	28'		\$481	\$533	\$604
2'	8'	22'		\$406	\$446	\$502	6'	8'	30'		\$507	\$562	\$638
3'	2'	12'		\$279	\$301	\$332	7'	2'	20'		\$380	\$417	\$468
3'	3'	14'		\$305	\$330	\$366	7'	3'	22'		\$406	\$446	\$502
3'	4'	16'		\$330	\$359	\$400	7'	4'	24'		\$431	\$475	\$536
3'	5'	18'		\$355	\$388	\$434	7'	5'	26'		\$456	\$504	\$570
3'	6'	20'		\$380	\$417	\$468	7'	6'	28'		\$481	\$533	\$604
3'	7'	22'		\$406	\$446	\$502	7'	7'	30'		\$507	\$562	\$638
3'	8'	24'		\$431	\$475	\$536	7'	8'	32'		\$532	\$590	\$672
4'	2'	14'		\$305	\$330	\$366	8'	2'	22'		\$406	\$446	\$502
4'	3'	16'		\$330	\$359	\$400	8'	3'	24'		\$431	\$475	\$536
4'	4'	18'		\$355	\$388	\$434	8'	4'	26'		\$456	\$504	\$570
4'	5'	20'		\$380	\$417	\$468	8'	5'	28'		\$481	\$533	\$604
4'	6'	22'		\$406	\$446	\$502	8'	6'	30'		\$507	\$562	\$638
4'	7'	24'		\$431	\$475	\$536	8'	7'	32'		\$532	\$590	\$672
4'	8'	26'		\$456	\$504	\$570	8'	8'	34'		\$557	\$619	\$706
5'	2'	16'		\$330	\$359	\$400	9'	2'	24'		\$431	\$475	\$536
5'	3'	18'		\$355	\$388	\$434	9'	3'	26'		\$456	\$504	\$570
5'	4'	20'		\$380	\$417	\$468	9'	4'	28'		\$481	\$533	\$604
5'	5'	22'		\$406	\$446	\$502	9'	5'	30'		\$507	\$562	\$638
5'	6'	24'		\$431	\$475	\$536	9'	6'	32'		\$532	\$590	\$672
5'	7'	26'		\$456	\$504	\$570	9'	7'	34'		\$557	\$619	\$706
5'	8'	28'		\$481	\$533	\$604	9'	8'	36'		\$582	\$648	\$740

4S Price Above = Total Feet * Price Per Foot + \$128 (KD Miter Add)

NOTE: Total Feet = Sum of all sides rounded up to nearest foot.

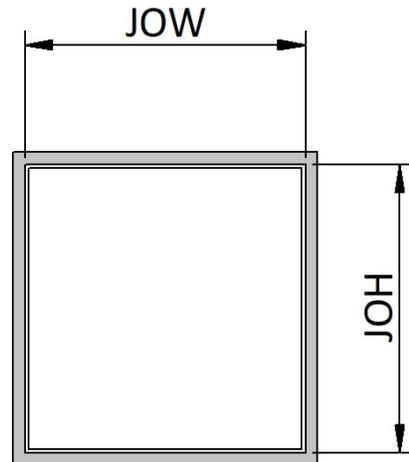
BORROWED LITE JAMBS (BLJ FRAME TYPE)

H	16 Gauge CRS			
	Dpth	To 6	6 3/4	8 3/4
2'		\$57	\$61	\$66
3'		\$70	\$75	\$83
4'		\$82	\$90	\$100
5'		\$95	\$104	\$117
6'		\$108	\$119	\$134
7'		\$120	\$133	\$151
8'		\$133	\$148	\$168



BLJ Price = (Overall Length * Price Per Foot) + \$32 for Miters = BLJ Price

Per Foot Price				Per Miter Price	
16 Gauge CRS				16 Gauge CRS	
Dpth	To 6	6 3/4	8 3/4		
\$/Ft	12.62	14.45	17.00	\$32	



3 Series			
DW	Drywall	(Add Per Foot)	\$1.00

DW Option includes Dbl Return Profile and compression anchors.

5/6 Gage / Material Type			
16G	16Ga Galv	(Add Per Foot)	\$2.84
14C	14Ga CRS	(Add Per Foot)	\$3.35
14G	14Ga Galv	(Add Per Foot)	\$6.19

18 Welding Options		Add to Chart
FW	Setup and Face Weld*	\$40.00
CW	Continuous Throat Weld*	\$144.00

*Prices shown are for 4 Joints (2" Face).

9 Jamb Depth Variations

See Chart above.

See Page 72 for Depth Variations > 8-3/4"

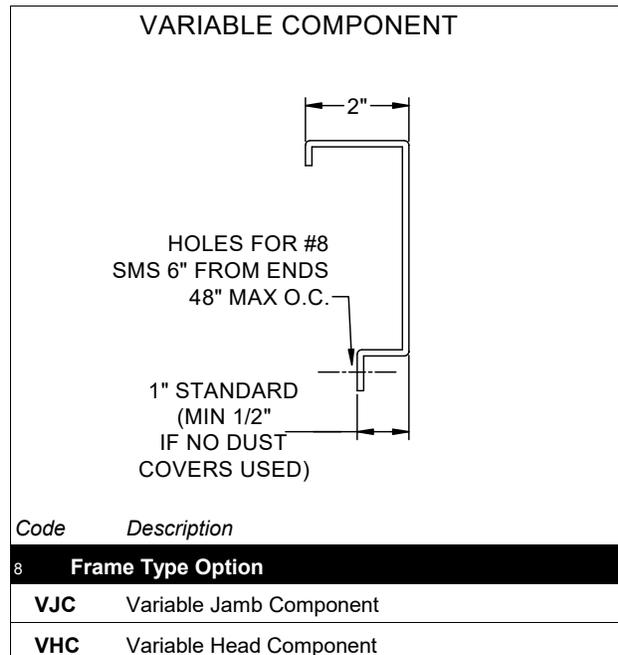
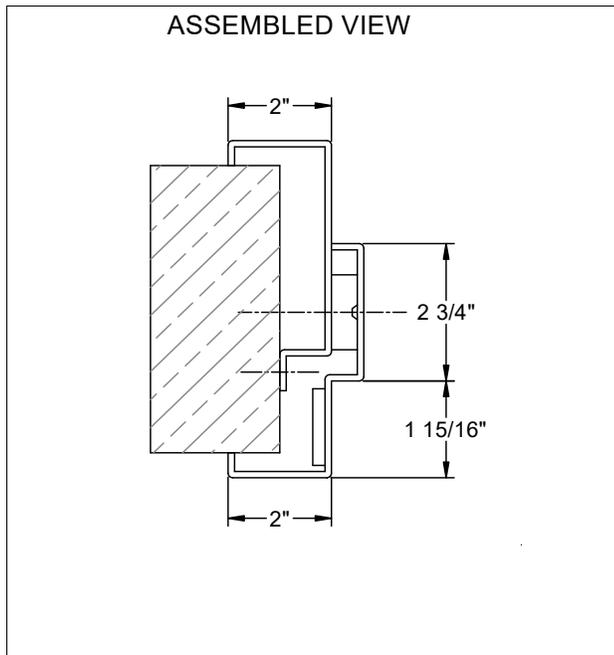
All Prices in chart above are rounded & based on 2" face material.

Glazing Bead Types		Typ		
INSTALLED GLAZING BEAD (5/8" x 5/8")		SUA	/Ft	\$13
SHIPPED LOOSE (5/8" x 5/8") Cut to Size -Screws Not Includer		CNN	/Ft	\$13
UL GLAZING BEAD (3/4" x 1") Cut to Size **		Both	/Ft	\$34
GLAZING BEAD (5/8" x 5/8") 10'-0" SECTIONS		CNN	Each	\$50
SPECIAL PROFILE MOULDING / BEAD (NON-STD)		Both		CF

Please note the glazing bead type required when ordering (if required).

** Labeled Frames will also incur a \$34/ft forming add for 3/4" Stop Height.

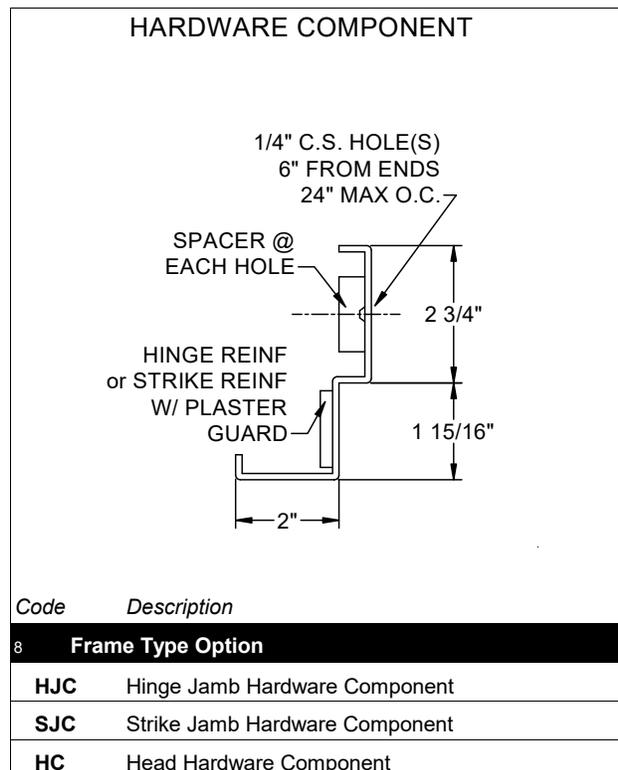
SPF SERIES - SPLIT FRAME COMPONENT PARTS



SPLIT FRAME COMPONENT FRAMES

- Six piece construction / 3 Sided Frames
- Available welded in 2 (Half) Sections to sandwich wall
- Available in 14 and 16 Gauge.
- Setup charges may apply based on Quantity
- See Tech Data for Labelling Limitations.

CONTACT FACTORY FOR PRICING



Please refer to **Door and Frame Parts** for fasteners, anchors or loose reinforcements.

FRAME - HARDWARE PREPARATION NOTES

For Series F, DW, WF(Kerf) Frames

HINGES

All Series F and DW 16 Gage Standard Frames for 1-3/4" Doors are prepared to receive 1-1/2 pairs (full mortise) 4-1/2" x 4-1/2" Regular Weight Template Butt Hinges for 6'8", 7'0" and 7'2" door heights; 2 Pair for 7'10" and 8'0". Pioneer standard hinge reinforcements are 3/16" Thick.

STANDARD HINGE QUANTITY						
Thru Door Height	5'-0"	7'-6"	10'-0"	12'-6"	15'-0"	17'-6"
Standard Qty	Two (2)	Three (3)	Four (4)	Five (5)	Six (6)	Seven (7)

STRIKES

- All Series F and DW 16 Gage Standard Frames for 1-3/4" Doors are prepared to receive one ANSI A156.115 4-7/8" strike.
- A preparation for a 2-3/4" strike is optionally available on all standard frames.
- Strike reinforcements may be omitted on non-labeled frames when specified. UL frames with blank strike require a reinforcement for a surface applied strike.
- Reinforcements for various surface applied strikes are available when specified. Advise location of strike when ordering.
- Special Door preparations (when indicated) will not be adequate to ensure proper preparation in the frame. Always specify conditions and hardware on both door and frame order lines when applicable.

EXCEPTIONS:

WF (Kerf) profile frames will not accept stop mounted strikes.

CLOSERS

All closer preparations including Regular Arm, Parallel Arm, Bracket mounted, Soffit or Rabbet Mounted, are optionally available. Closer prices indicated reflect one side (Qty 1) when "Single" is indicated, and both sides (Qty 2) when a "Pair" is indicated. For each additional reinforcement (which must be specified separately) another "Single" must be added to the list price.

FLUSHBOLTS

All 16 Gage Standard Frame Pair Heads are prepared with a "knock-out" (FBKO) to receive the flushbolt rod of an inactive door in the pair. The flushbolt strike may be surface applied over the embossed strike area. Mortised flushbolt strike preparations are also available.

STK SERIES - STICK MATERIAL

Stick Material (when specified) will be prepared with 4-1/2" x 4-1/2" Regular Weight Hinges and/or 4-7/8" Strikes ANSI A156.115.

LABEL OPTIONS

When (L) Label Required Option is selected, Pioneer will manufacture the frame component/unit to match the highest hourly rating available in correspondence with all other noted options. By default Warnock Hersey/Intertek will be used as the labeling authority. (UL optional for Metal Labels)

MANUFACTURING TOLERANCES

As a member of SDI, Pioneer holds manufacturing tolerances per SDI Technical Data (SDI 117-13).

Special Door preparations (when indicated) will not be adequate to ensure proper preparation in the frame. Always specify conditions and hardware on both door and frame order lines when applicable.

For more information regarding frame preparations please refer to our Technical Data and Tech Bulletins available at:
www.pioneerindustries.com

ENGINEERED FRAME OPTIONS

Series \ Gage \ Material

3 Series Selection		Ordering Reference Only
Code	Description	
STANDARD FRAME SERIES		
F--	F Series - Typical Masonry Frame Profile (Single Return) - Tab and Slot Corner Connection	
DW-	DW Series - Typical Drywall Frame Profile (Double Returns) - Slot and Tab Corner Connections <i>Available as 3 Sided Complete Units or as individual components (See Frame Type)</i>	
BORROWED LITE UNITS		
F-BL	F Series Borrowed Lite - Typical Masonry Frame Profile (Single Return) - Tab and Slot Corner Connection	
DWBL	DW Series Borrowed Lite - Typical Drywall Frame Profile (Double Returns) - Slot and Tab Corner Connections <i>Available as 4 Sided Complete Units or as individual jamb components (See Frame Type)</i>	
SPLIT STYLE ADJUSTABLE FRAMES		
SPF	Split Frame Units or Components - Typical F Series Profile <i>Available as 3 Sided (6 Part) Complete Units or as individual components (See Frame Type)</i>	
STICK COMPONENTS		
STK	Stick Type Frame Components <i>Available as Components and Sub Assembly Components for Fabricated Frame Units and Storefronts. (See Frame Type)</i>	
SPECIAL FRAME UNITS / ASSEMBLIES		
F50	Piocane 50 PSF (DP) Frames	
F70	Piocane 70 PSF (DP) Frames	
FST	Pioasonic STC Frame	
FEMA	F Series Fema Frame	
SBR	Blast Resistant Frame	
BR752	Bullet Resistant Frame	

Special Frame Units and Assemblies shown here should be ordered and provided with Door, Frame, (and Gasketing where applicable) to retain labeling criteria. - See Special Assemblies section of this guide for further details.

NOTE: The engineered frame adders shown are categorized by Frame Series and Gauge(CRS). All List adders shown should be applied to it's corresponding base price.

4 Gage Selection		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
18	18 Gauge Material		<i>See Individual Series Section (Chart) for different gauge adders.</i>					
16	16 Gauge Material							
14	14 Gauge Material							
12	12 Gauge Material							
			<i>See Page 63</i>					

5 Material Selection		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
C	CRS (Cold Rolled Steel)		N/C	N/C	N/C	N/C	N/C	N/C
G	Galv (Galvannealed)		<u>Complete Frame</u>			<u>Add to Complete Frame Price</u>		
	Up to 4'0" - Add Per Frame		\$36	\$45	\$31	\$36	\$45	\$31
	Over 4'0" - Add Per Frame		\$43	\$56	\$38	\$43	\$56	\$38
			<u>Frame Component</u>			<u>Add to Component Price</u>		
	Jams (All Varieties) - Add Per Component		\$15	\$19	\$13	\$15	\$19	\$13
	Heads Up to 4'0: - Add Per Component		\$6	\$7	\$5	\$6	\$7	\$5
	Heads Over 4'0: - Add Per Component		\$13	\$18	\$12	\$13	\$18	\$12

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🖐 = Hand Req'd

ENGINEERED FRAME OPTIONS

Rabbit Size \ Profile \ Type

6 Door Thickness		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
4	1-3/4" Door - 1-15/16" Hardware Rabbit		N/C	N/C	N/C	N/C	N/C	N/C
8	1-3/8" Door - 1-9/16" Hardware Rabbit		Add \$15/Pc or \$45/Unit*			Add \$15/Pc or \$45/Unit*		
T2	Special Size Door or Hdwe Rabbit		Add \$24/Pc or \$72/Unit*			Add \$24/Pc or \$72/Unit*		

*3 Sided Frame Unit

7 Rabbit Type		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
ER	Equal Rabbit (Standard)		N/C	N/C	N/C	N/C	N/C	N/C
UR	Unequal Rabbit (1-15/16" x 1-9/16")		N/C	N/C	N/C	N/C	N/C	N/C
SR	Single Rabbit Frame		<u>Complete Frame</u> Add to Complete Frame Price					
	Jamb Depth <= 4-3/8"		N/C	N/C	N/C	N/C	N/C	N/C
	Jamb Depth Over 4-3/8"		\$36	\$36	\$36	\$36	\$36	\$36
			<u>Frame Component</u> Add to Component Price					
	Jamb Depth <= 4-3/8"		N/C	N/C	N/C	N/C	N/C	N/C
	Jamb Depth Over 4-3/8"		\$12	\$12	\$12	\$12	\$12	\$12
CO	Cased Opening (No Stop)		N/C	N/C	N/C	N/C	N/C	N/C
DE	Double Egress (Complete 3 Sided Frame)		<u>Complete Frame</u> Add to Complete Frame Price					
	Complete Frame with APPLIED STOP - Add Per Frame		\$408	\$408	\$408	\$450	\$450	\$450
DE	Double Egress (Component Pcs)		<u>Frame Component</u> Add to Component Price					
	JAMBS with INTEGRAL STOPS		\$122	\$122	\$122	\$143	\$143	\$143
	HEADS with APPLIED STOP		\$164	\$164	\$164	\$164	\$164	\$164
	HEADS with INTEGRAL STOPS*		\$244	\$244	\$244	\$244	\$244	\$244
	Splice Reinforcements and End Caps for above.		\$48			\$48		

* Heads with Integral Stops will be supplied unasssembled, without reinforcements or endcaps. (\$122/Half - \$244 for Both Halves)

NOTE: Drywall / Double Egress Frames cannot be labeled at this time.

8 Frame Types (Units and Components)		Ordering Reference Only
Code	Description	
STANDARD FRAME TYPES - UNITS		
3S	3 Sided Single Frame Unit (Consists of Head [H], Hinge Jamb [HJ], and Strike Jamb [SJ])	Hand Req'd
3P	3 Sided Pair Frame Unit (Consists of Pair Head [PH], and two(2) Hinge Jamb [HJ])	
4S	4 Sided Borrowed Lite Unit (Consist of two(2) Heads [H], and two(2) Jamb [BLJ])	

STANDARD FRAME TYPES - COMPONENTS		
H	Single Frame Header Component	
PH	Pair Frame Header Component	
HJ	Hinge Jamb Component	Hand Req'd
SJ	Strike Jamb Component	Hand Req'd
BJ	Blank Jamb Component	

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory Hand = Hand Req'd

ENGINEERED FRAME OPTIONS *Frame Type*

8 Frame Types (Units and Components)		Ordering Reference Only
Code	Description	
BORROWED LITE COMPONENTS		
<i>H-- Type Components will be used for Borrowed Lite Heads/Sills</i>		
BLJ	Borrowed Lite Jamb	

Code	Description	Code	Description
STK	STICK COMPONENT	STICK COMPONENT	
UNIT*	Complete Assembly - See Page 71	SSI	Single Strike Intermediate Mullion 
FBJ	Blank Jamb	DHI	Double Hinged Intermediate Mullion
FHJ	Hinge Jamb 	DSI	Double Strike Intermediate Mullion
FSJ	Strike Jamb 	HIS	Hinge & Strike Intermediate Mullion 
FM2	Blank 2" Mullion	BJ4	Blank 4" Faced Section
FM4	Blank 4" Mullion	BJ6	Blank 6" Faced Section
SHM	Single Hinged Mullion 	BJ8	Blank 8" Faced Section
DHM	Double Hinged Mullion	SS4	4" Sill Section
HSM	Hinge & Strike Mullion 	SS6	6" Sill Section
FPS	Filler Plate with Stop	SS8	8" Sill Section
FPN	Filler Plate (No Stop)	FSC	Sill Channel
FCP	Cover Plate	CP2	Corner Post (2 Way)
FI2	Blank 2" Intermediate Mullion	CP3	Corner Post (3 Way)
SHI	Single Hinged Intermediate Mullion 	C45	Corner Post 45 Degree

Code	Description
SPLIT FRAME PRODUCTS	
HJC	Split Frame Hinge Jamb Component 
SJC	Split Frame Strike Jamb Component 
VJC	Split Frame - Variable Jamb Component 
HC	Split Frame Head Component
VHC	Split Frame - Variable Header Component

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory  = Hand Req'd

ENGINEERED FRAME OPTIONS

Jamb Depth \ Width \ Height

9 Standard Jamb Depth

For Standard Jamb Depths - See Individual Series Charts

9 Non-Standard Jamb Depth

Code		Description		Material		Cold Rolled Steel			Galvannealed		
SPJD	Special Jamb Depth			Type and Length	16/18	14	12	16/18	14	12	
F	Up to 8-3/4"			All Varieties	Use Next Larger Size						
DW	Up to 8-1/4"										
F or DW	>8-3/4" to 12-3/4" or >8-1/4" to 12-3/4"	Complete Frames to 4'0" Width			\$96	\$127	\$159	\$117	\$150	\$190	
		Frames Over 4'0" Width			\$115	\$153	\$190	\$142	\$181	\$229	
		Jambs			\$39	\$52	\$65	\$48	\$61	\$78	
		Heads to 4'0" Width			\$18	\$23	\$29	\$21	\$28	\$34	
		Heads Over 4'0" Width			\$37	\$49	\$60	\$46	\$59	\$73	
F or DW	>12-3/4" - 16-3/4" or >12-2/4" - 14"(MAX)	Complete Frames to 4'0" Width			\$155	\$186	\$248	\$188	\$222	\$294	
		Frames Over 4'0" Width			\$186	\$224	\$297	\$228	\$270	\$356	
		Jambs			\$63	\$76	\$101	\$77	\$91	\$120	
		Heads to 4'0" Width			\$29	\$34	\$46	\$34	\$40	\$54	
		Heads Over 4'0" Width			\$60	\$72	\$95	\$74	\$88	\$116	
F	>16-3/4" to 18"(MAX)	Complete Frames to 4'0" Width			\$215	\$246	\$333	\$258	\$292	\$400	
		Frames Over 4'0" Width			\$259	\$294	\$402	\$311	\$353	\$482	
		Jambs			\$88	\$100	\$136	\$105	\$119	\$163	
		Heads to 4'0" Width			\$39	\$46	\$61	\$48	\$54	\$74	
		Heads Over 4'0" Width			\$83	\$94	\$130	\$101	\$115	\$156	

FIRE LABEL JAMB DEPTH LIMITATIONS: 14-1/2" Max for (F) Series Frames, 12-3/4" Max for (DW) Series Frames.

10 Nominal Frame Width		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
Standard Width(s)		See Chart Prices on individual Series Pages.						
2-0, 2-4, 2-6, 2-8, 2-10, 3-0, 3-4, 3-6, 3-8, 3-10, 4-0, 4-8, 5-0, 5-4, 5-8, 6-0, 6-8, 7-0, 7-4, 7-8, 8-0.								
SW	Special Width	Price as Next Larger and Add	\$17	\$17	\$17	\$17	\$17	\$17
Up to 8-0 Wide		Special Width Charge waived at Quantity of 10 Like Items.						

11 Nominal Frame Height		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
Standard Height(s)		See Chart Prices on individual Series Pages.						
6-8, 7-0, 7-2, 7-10, 8-0								
SH	Special Height	Price as Next Larger Frame Height						
Up to 8-0 Tall								

Note: Nominal Width and Height Prices shown above are for frame sizes Up To 8-0x8-0. For Oversized Items please see the chart on the following page.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🛠 = Hand Req'd

ENGINEERED FRAME OPTIONS

Oversized Frame Components

10-11 Oversized Frames							
<i>Note: Uniseal Frames and DW Frames (14/16 Gage) are 10'0" x 10'0" Max Size.</i>							
SW/SH		Cold Rolled Steel			Galvanized		
		16 Gage	14 Gage	12 Gage	16 Gage	14 Gage	12 Gage
<i>F Series Add to:</i>		8'0" (16C)	8'0" (14C)	8'0" (14C)	8'0" (16G)	8'0" (14G)	8'0" (14G)
<i>DW Series Add to:</i>		8'0" (16C)	8'0" (14C)	NA	8'0" (16G)	8'0" (14G)	NA
Up to Height	Jamb Depth to	Frame Component (JAMBS)			Frame Component (JAMBS)		
		Add to Component Price			Add to Component Price		
8-0	6"	See F/DW Charts			\$98	See F/DW Charts	
9-0		\$34	\$39	\$156	\$36	\$42	\$172
10-0		\$59	\$68	\$187	\$65	\$75	\$203
12-0		NA	NA	NA	\$172	\$197	\$405
8-0	6-3/4"	See F/DW Charts			\$107	See F/DW Charts	
9-0		\$39	\$45	\$171	\$40	\$46	\$187
10-0		\$65	\$74	\$219	\$70	\$82	\$242
12-0		NA	NA	NA	\$202	\$231	\$465
8-0	8-3/4"	See F/DW Charts			\$138	See F/DW Charts	
9-0		\$46	\$54	\$216	\$51	\$59	\$240
10-0		\$81	\$93	\$277	\$83	\$103	\$305
12-0		NA	NA	NA	\$252	\$290	\$632
8-0	12-3/4"	See F/DW Charts			\$202	See F/DW Charts	
9-0		\$77	\$87	\$335	\$84	\$97	\$369
10-0		\$130	\$149	\$426	\$143	\$165	\$468
12-0		NA	NA	NA	\$315	\$361	\$767
Up to Width	Jamb Depth to	Frame Component (HEADS)			Frame Component (HEADS)		
		Add to Component Price			Add to Component Price		
8-0	6"	See F/DW Charts			\$75	See F/DW Charts	
10-0		\$53	\$60	\$165	\$58	\$67	\$182
12-0		NA	NA	NA	\$119	\$137	\$285
16-0		NA	NA	NA	\$377	\$433	\$731
8-0	6-3/4"	See F/DW Charts			\$90	See F/DW Charts	
10-0		\$62	\$71	\$176	\$68	\$80	\$194
12-0		NA	NA	NA	\$161	\$186	\$378
16-0		NA	NA	NA	\$495	\$568	\$952
8-0	8-3/4"	See F/DW Charts			\$122	See F/DW Charts	
10-0		\$80	\$92	\$260	\$87	\$102	\$287
12-0		NA	NA	NA	\$180	\$207	\$444
16-0		NA	NA	NA	\$642	\$738	\$1,241
8-0	12-3/4"	See F/DW Charts			\$191	See F/DW Charts	
10-0		\$132	\$153	\$420	\$146	\$168	\$463
12-0		NA	NA	NA	\$284	\$327	\$699
16-0		NA	NA	NA	\$824	\$947	\$1,631

Some frames may need to be spliced for shipment. Please contact the factory for specifics.

An Additional \$350 to \$500 NET Crating Charge may be applied for Oversized Frame Shipments. Consult factory for more accurate pricing.

SEE TECH DATA FOR LABELLING LIMITATIONS

~T = Template Req'd

N/C = No Charge

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☞ = Hand Req'd

ENGINEERED FRAME OPTIONS

Strike \ Hand \ Profile

NO DETENTION HARDWARE

12 Primary Strike Preparations			F Series			DW Series		
Code	Description	Series	16	14	18	16	14	18
478-	4-7/8" Standard Strike (Lipped)	Each	N/C	N/C	N/C	N/C	N/C	N/C
234-	2-3/4" Standard Strike (Lipped)	Each	N/C	N/C	N/C	N/C	N/C	N/C
BLNK	Blank - No Preparation	Each	N/C	N/C	N/C	N/C	N/C	N/C
ESTK	Electric Strike Preparation	~T Each	\$45	\$45	\$45	\$53	\$53	\$53
SASR	Stop Applied Strike Reinforcement	Each	\$17	\$17	\$17	\$17	\$17	\$17
TASR	Trim Applied Strike Reinforcement	Each	\$17	\$17	\$17	\$17	\$17	\$17
EMDL	Emergency Release / Dbl Lipped	~T Each	\$173	\$173	NA	\$173	\$173	NA
ICS2	Interconnected Strike (2 x 2-3/4" Strikes)	Set	\$89	\$89	\$89	\$89	\$89	\$89
234N	2-3/4" No Lipped Deadlock Strike**		N/C	N/C	N/C	N/C	N/C	N/C
478N	4-7/8" No Lipped Deadlock Strike**		N/C	N/C	N/C	N/C	N/C	N/C
350N	3-1/2" No Lipped Deadlock Strike	~T Each	N/C	N/C	N/C	N/C	N/C	N/C
SPL	Special Strike Preparations	~T Each	\$45	\$45	\$45	\$54	\$54	\$54
13 Primary Strike Location			F Series			DW Series		
Code	Description	Series	16	14	18	16	14	18
PIO	Standard Pioneer Lock Location		N/C	N/C	N/C	N/C	N/C	N/C
S--	S Series (Std Lock Location)		N/C	N/C	N/C	N/C	N/C	N/C
SPL	Special Lock Location*	~T	\$34 - Waived at Qty of 10 Like Items					

* Please Note Name of other Door Manufacturer if applicable. - N/C if already captured as Special Hinge Location

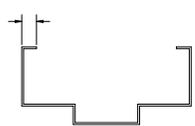
14 Secondary Strike			F Series			DW Series		
Code	Description	Series	16	14	18	16	14	18
234N	2-3/4" No Lipped Deadlock Strike**		\$45	\$45	\$45	\$45	\$45	\$45
478N	4-7/8" No Lipped Deadlock Strike**		\$45	\$45	\$45	\$45	\$45	\$45
350N	3-1/2" No Lipped Deadlock Strike	~T Each	\$45	\$45	\$45	\$54	\$54	\$54
SPL	Special Deadlock Strike	~T Each	\$89	\$89	\$89	\$97	\$97	\$97
SASR	Stop Applied Strike Reinforcement	Each	\$61	\$61	\$61	\$61	\$61	\$61

** If there is a distance of <=7" between the Centerline of the Primary Strike and the Secondary Strike, an Interconnected charge will be applied for reinforcement modification. See ICS2 above.

15 Frame Handing			F Series			DW Series		
Code	Description	Series	16	14	18	16	14	18
RH	Right Hand		N/C	N/C	N/C	N/C	N/C	N/C
LH	Left Hand		N/C	N/C	N/C	N/C	N/C	N/C
NH	Non-Handed / Reversible		N/C	N/C	N/C	N/C	N/C	N/C
RHA	Right Hand Active (Pair)		N/C	N/C	N/C	N/C	N/C	N/C
LHA	Left Hand Active (Pair)		N/C	N/C	N/C	N/C	N/C	N/C
DA	Double Acting		N/C	N/C	N/C	N/C	N/C	N/C
16 Face Options			F Series			DW Series		
Code	Description	Series	16	14	18	16	14	18
2H2J	2" Face Head w/ 2" Face Jambes		N/C	N/C	N/C	N/C	N/C	N/C
4H2J	4" Face Head w/ 2" Face Jambes		See Special Face / Trim Dimensions on Next Page					
6H2J	6" Face Head w/ 2" Face Jambes		See Special Face / Trim Dimensions on Next Page					
2FC	2" Face Frame Component		N/C	N/C	N/C	N/C	N/C	N/C
4FC	4" Face Head (use w/2" Face Jambes)		See Special Face / Trim Dimensions on Next Page					
6FC	6" Face Head (use w/2" Face Jambes)		See Special Face / Trim Dimensions on Next Page					
SPL	Special Profile		See the Following Pages for Viarious Options.					

ENGINEERED FRAME OPTIONS

Rabbit Size \ Profile

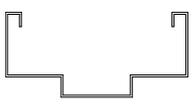
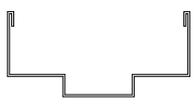
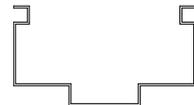
SPL	SPECIAL PROFILE BACKBEND	Series	F Series			DW Series		
Description	Gage		16	14	18	16	14	18
	1/2" Backbend (Standard)		N/C	N/C	N/C	N/C	N/C	N/C
	5/8" to 1" Add		\$81	\$81	\$81	NA	NA	NA
	Over 1" Add		\$108	\$108	\$108	NA	NA	NA

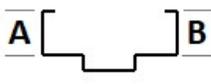
Note: Ensure required throat dimension does not interfere with Special Backbends.

SPL	SPECIAL PROFILE BACKBEND	Series	F Series			DW Series		
Description	Gage		16	14	18	16	14	18

Backbend Designs

NOTES: Return Dimensions must be no less than 1/2" and not to exceed 1". These may be furnished unassembled to be welded by distributor. Mechanical Connections only available on **Double Return Profile**. Charges include deviations on both sides of the profile on all component pieces. Consult Pioneer if not needed on all components of an assembled frame.

			Complete Frame			Add to Complete Frame Price		
<input type="radio"/> DRTN		DOUBLE RETURN	\$24	\$24	\$24	N/C		
<input type="radio"/> HMBB **		HEMMED BACKBEND	\$132	\$132	\$132	NA		
<input type="radio"/> CGBB **		CAULKING GROOVE (Reverse Backbend)	\$228	\$228	\$228	NA		
<input type="radio"/> SLBB **		SHADOW LINE BEND (Dbl Reverse Backbend)	\$228	\$228	\$228	NA		
**	SETUP CHARGE FOR CUSTOM RETURNS		\$1,311			NA		

SPL	SPECIAL FACE (Trim)	F Series				DW Series			
Face Dimension		1*** to 2"	up to 4"	up to 6"	up to 8"	<1-3/4"	1-3/4 to 2"	up to 6"	up to 8"
	Length	Add to Component Price for EACH SPECIAL FACE.							
	4-0	\$10	\$22	\$40	\$66	\$40	\$10	\$40	\$66
	8-0	\$20	\$44	\$80	\$132	\$80	\$20	\$80	\$132
	10-0	\$30	\$55	\$100	\$165	\$100	\$30	\$100	\$165
12-0	\$40	\$66	\$120	\$198	\$120	\$40	\$120	\$198	

** (UL) Availability Starts @ 1-1/4" Face Minimum

Up to 2" F Series Charge waived at 30 Like Pieces or more.

F Series Frames that are not welded will have no provision for mechanical connection of the miter (no corner gussets).

DW Series Frames will be provided with specifically designed compression and floor anchors to accommodate special face(s).

See 4" and 6" Header Prices Below (for items where A&B=4" or A&B=6")

SPL	SPECIAL FACE (Trim) DIMENSIONS	Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
			<u>Complete Frame</u>			<u>Add to Complete Frame Price</u>		
	4" Face Header (Both Faces)	Single	\$44	\$44	\$44	\$44	\$44	\$44
		Pair	\$65	\$65	\$65	\$65	\$65	\$65
	6" Face Header (Both Faces)	Single	\$77	\$77	\$77	\$77	\$77	\$77
		Pair	\$115	\$115	\$115	\$115	\$115	\$115

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☞ = Hand Req'd

ENGINEERED FRAME OPTIONS

Label \ Assembly \ Frame Anchors (Welded In)

17 LABEL OPTIONS [See Tech Data for Limitations]			F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
L	Label Required ** (Per Hinge Jamb)		\$19			\$19		
N	No Label Required		N/C	N/C	N/C	N/C	N/C	N/C

**** PIONEER WILL ADD A LABEL DESIGNATING THE HIGHEST POSSIBLE RATING TO THE FRAME PRODUCT UNLESS SPECIFIED.**
*If Req'd Note -1.) Agency [UL, WHI] -2.) Hourly Rating [A,B,C,Other] -3.) Metal, Mylar, Embossed ,Riveted(+\$56 for Riveted)
 - Stamped Embossed Labels require a minimum frame order of 20 Like Frames and the label fee is waived.*

Label Add Does not Include Optional Hardware or Reinforcements Required for Classification.

18 WELDING / ASSEMBLY OPTIONS			F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
FW	Setup and Face Weld		\$79 (To 8-3/4") / \$101 (Over 8-3/4")			NA	NA	NA
CW	Continuous Full Throat Weld		\$136 (To 8-3/4") / \$183 (Over 8-3/4")			NA	NA	NA
KD	Knocked Down Frame		No Charge			NA	NA	NA
KDC	KD - Others to Weld (No Tabs/Slots)		No Charge			NA	NA	NA

*NOTE: Welded Frames, in smaller quantities, may require additional packaging materials to ensure safe delivery.
 Additional charges may be applied for LTL shipments with this criteria.*

19 FRAME ANCHORS (WELD IN / PREP)		Series	F Series						
Code	Description		Per Jamb Depths Shown Below						
FRAME ANCHORS SHOWN BELOW ARE WELDED TO FRAME. FOR LOOSE ANCHORS SEE STOCK PARTS FORMS.									
MAS	MASONRY ANCHOR	Up To	5-1/4"	6"	9"	>9"	Face	Rab	Part#
	Yoke and Strap Anchor (Y&S)	(Each)	\$8	\$8	\$8	\$8	Spl	Spl	80020
	Double Egress (DE+Y&S)	(Each)	\$23	\$23	\$23	\$23	Spl	DE	80020
WS	WOOD STUD ANCHOR	Up To	5-1/4"	6"	9"	>9"	Face	Rab	
	Wood Stud Strap (WSSA)	(Ea Set of 2)	\$7	\$7	\$7	\$7	<=2"	ER**	40108
	Dbl Egress & WSSA (DE+WSSA)	(Ea Set of 2)	\$22	\$22	\$22	\$22	<=2"	DE	40108
STS	STEEL STUD ANCHOR	Up To	5-1/4"	6-1/4"	9"	>9"	Face	Rab	
	Z Clip Type Anchor (ZCLIP)	(Each)	NA	NA	\$12	\$14	2"†	ER**	4011x
	Dbl Egress Z Clip [16 Ga Chan] (DE+ZCLIP)	(Each)	\$29	\$29	\$29	\$29	2"†	DE	4011x
	Steel Stud (Hi Hat) Anchor (SSHH)	(Each)	\$7*	\$7	\$12	\$12	2"	ER**	4012x
	Steel Stud Stepped Hi Hat (STHH)	(Each)	\$17	\$17	\$21	\$24	Spl	Spl	4013x
DE16	Double Egress 16Ga Channel	(Each)	NA	\$10	\$10	\$10	>5/8	DE	4014x
DE12	Double Egress 12Ga Channel	(Each)	NA	\$15	\$15	\$15	>5/8	DE	4017x
EO	EXISTING OPENING	Profile	3"	5-3/4"	8-3/4"	>8-3/4"	Face	Rab	Part#
	2" Expansion Bolt Hat Anchor (2EB)	(Each)	\$12	\$12	\$12	\$12	2"	Spl	40070
	EO Butterfly Anchor [UL] (EOBF)	(Each)	\$20	\$20	\$20	NA	2"	ER**	9831x
	Channel(Pipe) and Plate [UL] (CHPP)	(Each)	\$36	\$36	\$36	\$60	Spl	Spl	4007x
	EO Pipe and Plate Anchor [UL] (EOPP)	(Each)	\$30	\$30	\$30	\$48	2"	ER**	9227x
	Dbl Egress Pipe and Plate (DE+EOPP)	(Each)	\$45	\$45	\$45	\$63	2"	DE	9227x
P&D	Punch & Dimple ONLY	(Each)	\$6	\$6	\$6	\$6	Spl	Spl	NA
DWCS	DW Anchors w/ Sill Straps	(Each)	N/C				N/C		
DWBH	DW Anchors w/ Base Holes	(Each)	N/C				N/C		

When Ordering use codes in the Grey Area- Sub Options (in white) will be selected based on other option rules & dependencies.

BOLTS ARE NOT INCLUDED IN ANCHOR PRICE but may be required * *Min 3-7/8" Hi Hat Anchor*
 to be supplied for UL opening. Price seperately. ** *Double Rabbet Material*

† *Special face available add 50% to price shown on this page.*

EXTRA ANCHORS MAY BE INSTALLED TO ACCOMMODATE FOR HARDWARE CONFLICTS.

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ENGINEERED FRAME OPTIONS

Frame Anchors (Loose) \ Hinges

19 FRAME ANCHORS - Suggested Quantities	
Suggested (UL) Anchor Quantities	Height up to 3'2" - 4 Anchors Per Frame (2 Per Jamb)
*Expansion Bolt P&D shown.	Height from 3'2" to 5'4" - 6 Anchors Per Frame (3 Per Jamb)
See Tech Data for More Information	Height from 5'4" to 7'6" - 8 Anchors Per Frame (4 Per Jamb)
	Height from 7'6" to 9'8" - 10 Anchors Per Frame (5 Per Jamb)
	Height from 9'8" to 11'10" - 12 Anchors Per Frame (6 Per Jamb)

20 HINGE PREPARATIONS		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
NOHNG	No Hinge Preparation (Blank Hinge Edge)		N/C	N/C	N/C	N/C	N/C	N/C
Standard Hinge Preparations								
450--	4-1/2" Standard Weight Hinge		N/C	N/C	N/C	N/C	N/C	N/C
500--	5" Standard Weight Hinge	(Each)	\$6	\$6	\$6	\$6	\$6	\$6
450HW	4-1/2" Heavy Duty Hinge Preps	(Each)	N/C	N/C	N/C	N/C	N/C	N/C
500HW	5" Heavy Duty Hinge Preps	(Each)	\$6	\$6	\$6	\$6	\$6	\$6
DD45	4-1/2" Double Depth Hinge Prep	(Each)	\$33	\$33	\$33	\$33	\$33	\$33
DD50	5" Double Depth Hinge Prep	(Each)	\$33	\$33	\$33	\$33	\$33	\$33
Continuous or Surface Applied Hinges Note: Use NOHNG option for Continuous Hinge with No Reinforcement								
CONH	Reinforce for Continuous Hinge (in Rabbet)	~T	\$77	\$77	\$77	\$77	\$77	\$77
CONHF	Reinforce for Continuous Hinge (in Face)	~T	\$77	\$77	\$77	\$77	\$77	\$77
Pivots Type Hinge Preparations Please Note: Threshold and Undercut Dimensions are needed for All Pivot Hinges.								
PIVOT	Mortised Pivot Set (Head & Jamb)	(Each) ~T	\$245	\$245	NA	\$245	\$245	NA
POCKT	Pocket Pivot Hinge	(Each) ~T	\$93	\$93	\$93	\$93	\$93	\$93
ELIAS	Eliason Type Hinge Reinforcement	(Set) ~T	\$80	\$80	\$80	\$80	\$80	\$80
Non-Standard Butt Hinge Preparation								
350--	3-1/2" Hinge Prep (.130 Thick)	(Each) ~T	\$22	\$22	\$22	\$22	\$22	\$22
3-1/2" Hinge Reinforcement Charge waived for 1-3/8" Thickness Doors.								
400--	4" Hinge Reinforcement	(Each) ~T	\$22	\$22	\$22	\$22	\$22	\$22
4" Hinge Not Recommended for 1-3/8" Door								
DM67H	6" or 7" Hinge (Non-Template)	(Each) ~T	\$80	\$80	\$80	\$80	\$80	\$80
RNDCH	Rounded Hinge (Non-Template)	(Each) ~T	\$77	\$77	\$77	\$77	\$77	\$77
Other Hinge Preparations								
INVH	Invisible (Concealed) Hinge	(Each) ~T	\$92	\$92	\$92	\$92	\$92	\$92
PLEASE NOTE: Some Invisible Hinges require a receiver (not provided by Pioneer Industries).								
Anchor Hinge Preparations								
ANCHR	Anchor Hinge Preparation	~T	\$263	\$263	NA	NA	NA	NA
Anchor Hinge Preparation includes Secondary Hinges at Standard Locations. (Please specify when ordering) Anchor Hinge reinforcements at top and top-side of Frame will need to drilled and tapped by installer.								
Spring Hinge								
DASPH	Dbl Acting Spring Hinge Non-Template	(Each) ~T	\$77	\$77	NA	NA	NA	NA

~T = Template Req'd

N/C = No Charge

NA = Not Applicable

CF = Contact Factory

☞ = Hand Req'd

ENGINEERED FRAME OPTIONS

Hinge Quantity & Location / Closers

21 Hinge Quantity		H	CH	LW	C	EH
Qty	Description	List Adder				
1-7	Standard Hinge Qty (Based on Chart Below)	N/C	N/C	N/C	N/C	N/C
+1	Additional Hinge Preparation (for EACH Add'tnl Hinge)	\$17	\$17	\$17	\$17	\$17

Qty 1 Hinge Denotes Continuous Hinge Preparation

STANDARD HINGE QUANTITY						
Thru Door Height	5'-0"	7'-6"	10'-0"	12'-6"	15'-0"	17'-6"
Standard Qty	Two (2)	Three (3)	Four (4)	Five (5)	Six (6)	Seven (7)

22 Hinge Location		H	CH	LW	C	EH
Code	Description	List Adder				
PIO	Standard Pioneer Lock Location	N/C	N/C	N/C	N/C	N/C
S--	S Series (Std Lock Location)	N/C	N/C	N/C	N/C	N/C
SPL Special Hardware Location*		\$34 - Waived at Qty of 10 Like Components				

** Please note name of other door manufacturer if applicable. (N/C if already added for Spl Lock or Strike Location)*

Pioneer will locate competitor hardware based on the last SDI publication, it is suggested to provide ALL hardware dimensions to ensure proper fit and function as some publications may be inaccurate.

23 CLOSER PREPARATIONS		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
NOCL	No Closer Reinforcement		N/C	N/C	N/C	N/C	N/C	N/C
FRNC	*Fire Rated Frame with No Closer Reinf.		N/C	N/C	N/C	N/C	N/C	N/C
REG-	Regular Arm Closer Reinforcement		\$14	\$14	\$14	\$14	\$14	\$14
PAC-	Parallel Arm Closer Reinforcement		\$14	\$14	\$14	\$14	\$14	\$14
RPC-	Regular and Parallel Arm Closer Reinforcement		\$28	\$28	\$28	\$28	\$28	\$28
TJC-	Top Jamb Closer Reinforcement		\$14	\$14	\$14	\$14	\$14	\$14
CLSL	Closer Sleeve Reinf (16" x Full Depth)		\$100	\$100	\$100	\$100	\$100	\$100
CLFW	Reg Arm Closer Reinf (Face) - Full Width		\$47	\$47	\$47	\$47	\$47	\$47
PAFW	Parallel Arm Reinf (Stop) - Full Width		\$47	\$47	\$47	\$47	\$47	\$47
SOHS	Surface Overhead Holder / Stop Reinf	~T	\$14	\$14	\$14	\$14	\$14	\$14
MOHS	Mort OH Closer (Track or Bracket in Frame	~T	\$134	\$134	\$134	\$134	\$134	\$134
COHS	Concealed Closer (Full Closer inside Fram	~T	\$195	\$195	NA	NA	NA	NA
BRKT	Corner Bracket Reinforcement		\$28	\$28	\$28	\$28	\$28	\$28
RPTJ	Regular, PAC, & Top Jamb		\$42	\$42	\$42	\$42	\$42	\$42
TJFW	Top Jamb Closer Reinforcement Full Width		\$47	\$47	\$47	\$47	\$47	\$47
CORF	Gravity Coordinator Reinf @ CL in Face		\$14	\$14	\$14	\$14	\$14	\$14
CORS	Soffit Mounted Bar Coordinator Reinf.		\$47	\$47	\$47	\$47	\$47	\$47

NOTE: ALL CLOSER OPTIONS WILL BE DOUBLED FOR PAIR OPENING FRAME OR COMPONENT.

Closer Reinforcement (14Ga x 1-1/2" x 12" Plate - \$14 Each Installed)

NOTE: When using a closing mechanisms integrated into a PIVOT set, please use the **PIVOT** Option listed under the Hinge Feature and, when Intermediate Pivots are required, the **INPV** option under the Additional Options section .

* The FRNC option will be automatically applied to any labeled frame in which a closer option is not defined. As a closing mechanism must be supplied on all labeled frames, this label will designate a customer applied reinforcement or spring hinge usage in the opening.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🖐 = Hand Req'd

ENGINEERED FRAME OPTIONS

Bolt Type / Special Construction / Electric Preps

24 BOLT or TOP LATCH HEAD PREP		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18

FLUSH BOLT PREPARATIONS

NOFB	No Flushbolt Needed		N/C	N/C	N/C	N/C	N/C	N/C
FBU	Universal Mortised FlushBolt Prep		\$42	\$42	\$42	\$42	\$42	\$42
FBKO	Standard Flushbolt Knockout Only		N/C	N/C	NA	N/C	N/C	NA
FBM	Mortised FB Strike	 ~T	\$42	\$42	\$42	\$42	\$42	\$42
AFBR	Device Specific (Auto) FB Strike	 ~T	\$42	\$42	\$42	\$42	\$42	\$42

SURFACE BOLTS / REINFORCEMENTS AT CL OF FRAME

SBRF	Surface Bolt Reinf in Frame Face		\$14	\$14	\$14	\$14	\$14	\$14
SBRS	Surface Bolt Reinf in Frame Soffet		\$14	\$14	\$14	\$14	\$14	\$14

Surface Bolt Reinforcement (12Ga x 1-1/2" x 12" Plate at Centerline of Header)

CVR STRIKE PREPARATIONS

CVRS1	Concealed Vertical Rod Mortised Strike	~T	\$42	\$42	\$42	\$42	\$42	\$42
CVRS2	CVR Mortised Strike (x2) Qty 2	~T	\$84	\$84	\$84	\$84	\$84	\$84

ROLLER LATCH STRIKE PREP

RLMS1	Mortised Roller Latch Strike	~T	\$42	\$42	\$42	\$42	\$42	\$42
RLMS2	Mortised Roller Latch Strike (x2) Qty 2	~T	\$84	\$84	\$84	\$84	\$84	\$84

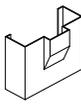
25 ADDITIONAL FRAME OPTIONS		Series	F16	F14	F18	DW16	DW14	DW18
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ADDITIONAL CONSTRUCTION METHODS

<input type="radio"/>	THRM Thermal Break		\$840	\$840	NA	NA	NA	NA
<input type="radio"/>	WF Uniseal / Kerf Frame	Add Per Unit	\$81	\$108	CF	\$81	\$108	CF
		Per Component	\$27	\$36	CF	\$27	\$36	CF

Gasketing not Included. - See Page 93 for UniSeal Gasket Price. **WF Setup Add:** <20 Units = \$1260, <50 Units = \$840, waived at 50 Units.

<input type="radio"/>	PCKT Welded Pocket Frame	Add Per Unit	\$786 Hdwe Not Included			NA	NA	NA
<input type="radio"/>	NAIL Nail-On Type Frame	Add Per Unit	\$29	\$29	\$29	NA	NA	NA

<input type="radio"/>	HOSP Hospital (Cut-Off) Stops		Filled Per Unit Price (Halve for Component Price)					
	Specify Height (up to 6")		\$158	\$158	NA	\$158	\$158	NA
	Specify Angle (45 or 90)		No Plinth or Spat Applied / Not Available in with UniSeal					

<input type="radio"/>	LLFC** Lead Lined Frame	Add Per Unit	\$1,398	\$1,398	NA	NA	NA	NA
	Clips and 1/16" Lead Furnished	Per Component	NA	NA	NA	NA	NA	NA

May bear (UL) Labeled if Specified. (UL) Must be ordered with ceiling struts (CLST) and Z Clip Anchors.

<input type="radio"/>	LLCO** Lead Lined Clips ONLY		\$63	\$63	NA	NA	NA	NA
	** Special anchor may be required. - Price as STHH (See Page 66) - Note Wall Type when ordering.						CF for optional lead thicknesses.	

<input type="radio"/>	GHP Grout Holes Plugs		\$150 /Unit or \$75 /Jamb			NA	NA	NA
<input type="radio"/>	ECWF End Caps (Welded and Filled)	Each End	\$60	\$60	\$60	NA	NA	NA

ELECTRIC HARDWARE PREPARATIONS

<input type="radio"/>	CND- Conduit for Elec Hdwe	Per Unit	\$180	\$180	\$180	\$180	\$180	\$180
<input type="radio"/>	PTP- Power Transfer (EPT)	~T Each	\$92	\$92	\$92	\$105	\$105	\$105
<input type="radio"/>	ELH- Electric Hinge Prep	~T Each	\$46	\$46	\$46	\$46	\$46	\$46
<input type="radio"/>	DPS Door Position Switch	~T Each	\$134	\$134	\$134	\$134	\$134	\$134
<input type="radio"/>	MAGS Magnetic Switch (Hole Type)	~T Each	\$40	\$40	\$40	\$40	\$40	\$40



MAGS* \$40



DPS* \$134

* Details shown are for option clarification and not included with preparation.

For [ESTK] Electric Strike Prep : See Page 64 (+\$45 for F/+ \$53 for DW)

~T = Template Req'd

N/C = No Charge

NA = Not Applicable

CF = Contact Factory

 = Hand Req'd

ENGINEERED FRAME OPTIONS

Special Reinforcing / Additional Anchoring

25 ADDITIONAL FRAME OPTIONS		Series	F Series			DW Series		
SPECIAL HARDWARE LOCATION / REINFORCEMENTS								
CJ Communicating Jamb Components								
Add to Standard	CJ-Strike (2 Strikes)		Add \$45 to SJ for additional Strike					
HJ / SJ Components	CJ-Hinge (6 Hinges)		Add \$51 to HJ for additional Hinges (\$17/Hinge)					
○ DTCH Dutch Door Jamb Components								
Add to Standard	DTCH-Strike (2 Strikes)		Add \$45 to SJ for additional Strike					
HJ / SJ Components	DTCH-Hinge (4 Hinges)		Add \$17 to HJ for additional Hinge					
○ DBDW	Mortar/Dust Boxes for Hardware	Each	N/C	N/C	N/C	\$6	\$6	\$6
Mortar Guards / Dust Boxes are provided at N/C on DW when used with Electric Hardware. (DPS,ESTK,MAGS,ELH..etc)								
Additional Hinge Reinforcement Types (3/16") ~T								
○ FWHR	Full Width Hinge Reinforcement	Each	\$77	\$77	\$77	\$77	\$77	\$77
○ FHHR	Full Height Hinge Reinforcement	Each	\$230	\$230	\$230	\$230	\$230	\$230
○ INPV	Intermediate Pivot	~T Each	\$92	\$92	NA	\$92	\$92	NA
○ HFH	Hi Frequency Hinge	Each	\$21	\$21	\$21	\$21	\$21	\$21
SPECIAL REINFORCEMENT TYPES								
○ SHDR Head Reinforcement - Per Foot Price Shown								
	PAIR: 1" x 1-1/2" x 1/8" Angle	Per Foot	\$30	\$30	\$30	\$30	\$30	\$30
	FULL WIDTH 12 Ga Channel (to 6" Depth)	Per Foot	\$25	\$25	\$25	\$25	\$25	\$25
○ RASW 18Ga Reinforce for Applied Stop or Weather Stripping Per Unit								
			\$120	\$120	\$120	\$120	\$120	\$120
○ RFHM	Reinf for Hardware Mullion	Each	\$28	\$28	NA	\$28	\$28	NA
○ 12GC	Upgrade to 12Ga Closer Reinf	Each	\$15	\$15	\$15	\$15	\$15	\$15
○ 12GC	Upgrade to 12Ga Closer Sleeve	Each	\$50	\$50	\$50	\$50	\$50	\$50

25 ADDITIONAL FRAME OPTIONS		Series	F Series			DW Series		
Code	Description	Gage	16	14	18	16	14	18
ADDITIONAL ANCHORING TYPES								
○ OPFK	Floor Knee (on Stick and EO Matl)	Each	\$8	\$8	\$8	NA	NA	NA
○ ADJA	Adjustable Base Anchor	Each 14Ga	\$52	\$52	\$52	NA	NA	NA
		Each 16Ga	\$38	\$38	\$38	NA	NA	NA
○ NOS	No Silencer Holes		N/C	N/C	N/C	N/C	N/C	N/C
○ BHA	Base Holes (on F Series)	Each	N/C	N/C	N/C	See Anchor Option DWBH (N/C)		
○ RFLA	Reversed(Inverted) Floor Anchors		\$24	\$24	\$24	NA	NA	NA
MISC								
○ BDL	Segregate by Floor	Each	\$9	\$9	\$9	\$9	\$9	\$9

PAINT								
○ SPLP Non-Standard Color / Finish			CF					
○ NOPP	No Prime Paint (Galv Only)	Each	N/C	N/C	N/C	N/C	N/C	N/C

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🛠 = Hand Req'd

CUT & NOTCH / WELD - SPECIAL UNITS (2020)

There are two types of Special Units provided by PIONEER INDUSTRIES.

UNIT TYPE	
<input type="radio"/> SUA Special Unit Assembled	<i>Special Unit Cut, Notch and Assembled</i>
<input type="radio"/> CNN Special Unit (Cut and Notch Only)	<i>Special Unit Cut and Notched Components</i>

Determine appropriate price based on the type shown.

NO RADIUS FRAMES
NO ANGULAR FRAMES

To Price Special Units - Follow the Steps Shown:

STEP 1: LINEAR FOOT PRICE

Determine Linear Footage of the units. Find the corresponding frame component from the chart below, add like items, round up to nearest foot, and multiply with corresponding price shown below.

10/11 PRICE PER FOOT by Jamb Depth Shown.

2' Minimum Component Length. (Round up prior to adding like Items)	16 GAGE COLD ROLLED			14 GAGE COLD ROLLED				
	To Depth >	6"	6-3/4"	8-3/4"	To Depth >	6"	6-3/4"	8-3/4"
Open Section – 2" face		\$12.62	\$14.45	\$17.00		\$15.97	\$17.79	\$20.35
Closed Section – 2" face		\$28.01	\$32.07	\$37.73		\$33.54	\$37.37	\$42.73
Cased Opening – 2" face		\$13.52	\$15.38	\$17.86		\$16.86	\$18.72	\$21.20
Filler Plate with Stop		\$14.26	\$16.37	\$19.22		\$17.86	\$19.59	\$22.44
Filler Plate No Stop		\$14.26	\$16.37	\$19.22		\$17.86	\$19.59	\$22.44
Closed Section – to 4" face		\$34.46	\$39.43	\$46.41		\$40.25	\$44.85	\$51.29
Open Section – to 4" face		\$15.54	\$17.36	\$19.91		\$18.90	\$20.72	\$23.26
Open Section – to 6" face		\$18.92	\$21.66	\$25.49		\$23.96	\$26.70	\$30.53
Open Section – to 8" face		\$26.50	\$30.33	\$35.69		\$33.54	\$37.37	\$42.73
*Sill Section – to 4" face		\$18.38	\$20.20	\$22.75		\$21.74	\$23.56	\$26.10
*Sill Section – to 6" face		\$21.76	\$24.50	\$28.33		\$26.80	\$29.54	\$33.37
*Sill Section – to 8" face		\$29.34	\$33.17	\$38.53		\$36.38	\$40.21	\$45.57
*Sill Section – to 10" face		\$61.92	\$66.84	\$73.73		\$70.96	\$75.88	\$82.77
*Sill Channel – 14 Ga. Galv Only		\$19.70	\$21.56	\$24.04		\$19.70	\$21.56	\$24.04
Cover Plate		\$13.52	\$15.38	\$17.86		\$16.86	\$18.72	\$21.20
2 Way Corner		\$82.03	\$87.77	\$95.75		\$95.60	\$102.30	\$111.60
3 Way Corner		\$86.92	\$93.41	\$102.35		\$101.31	\$108.87	\$119.29
45° 2 Way Corner		\$142.57	\$143.63	\$144.69		\$166.16	\$167.40	\$168.64

Above items are blank. Hardware preparations are priced separately. Some profile options are not available (Contact Factory for Specials).

*Only available in Galv / Galvannealed Price Already included.

25 PROFILE CONSIDERATIONS			
DRTN(DW)	Double Return	Add Per Foot	\$2.00
DWC*	Drywall Compression Anchors	Each	\$15.00

When specified with compression anchors; frames will be manufactured with Drywall Miters.

CNTG	Center Glazing Profile	Per Foot	\$4.25
	Center Glazing Bead	Per Foot	\$30.00
Total Per Foot			\$34.25

6/7 MATERIAL TYPE			
12	Open Section - 12 CRS	Add Per Foot	\$30.00
	Closed Section - 12 CRS	Add Per Foot	\$60.00
G	Open Section - Galv Matl	Add Per Foot	\$2.84
	Closed Section - Galv Matl	Add Per Foot	\$5.68

17 SPECIAL STOP (3/4") FOR LABELED FRAME			
L	3/4" Stop Height	Add Per Foot	\$34.00

STEP 2: ANCHOR PRICE

Determine Anchor Type - Anchor Qty will need to be supplied and Multiplied by the List Price Shown Below.

19 WELDED FRAME ANCHORS

See Page 66 for Full List of Anchor Options.

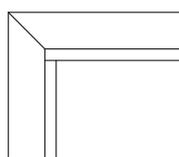
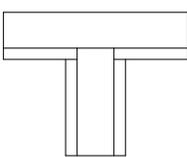
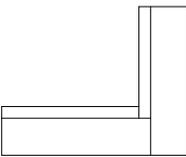
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CUT & NOTCH / WELD - SPECIAL UNITS

STEP 3: OPENING / HARDWARE PRICE

Determine Number of Door Openings within the Special Unit. The Opening Price includes standard hinges at standard quantities and one standard strike if applicable.		
DOOR OPENING TYPE		SUA(Welded) or CNN(Cut & Notch)
SINGLE DOOR OPENING (Includes Sprader Bar when Welded)		\$96 (\$17/Hg x 3 + \$45/Strike)
PAIR DOOR OPENING (Includes Sprader Bar when Welded)		\$102 (\$17/Hg x 6)

STEP 4: CUT & NOTCH and/or WELDING PRICE

Determine the number of Joints and/or Welded Joints from the List Below.				
JOINTS AND CONNECTIONS		See Detail Below	SUA(Welded)	CNN (Notched)
Mitered Joint	2" Face	Det. A	\$42	\$32
Butted Mullion Joint	2" Face	Det. B	\$120	\$13
Mitered Joint	4" Face	Det. A	\$134	\$32
Butted Mullion Joint	4" Face	Det. B	\$134	\$13
Remove Back of Closed Section / Notch Back Mullion Below Lite			\$108	\$108
Butted Sill Joint	2" Face	Det. C	\$120	\$13
Butted Sill Joint	4" Face	Det. C	\$134	\$13
Butted Sill Joint	6" Face	Det. C	\$134	\$13
Butted Sill Joint	8" Face	Det. C	\$134	\$13
Butted Splice Weld			\$115	\$115
Field Splice Joint (Open Jamb w/ Reinforced Face)			\$188	\$188
Removable Transom Bar		Det. B	\$218	NA
Full Continuous Throat Weld			\$68	NA
Joint Details		Det.A Mitered Joint		
		Det.B Butted Mullion Joint		
		Det.C Butted Joint (Head or Sill)		

STEP 5 & 6: TRANSOM PANEL PRICE

Determine if Transom Panels are going to be used and price per Transom Panel Pages [24-25] (5). Also note which type of attachment will be used (6). Add these items to the Special Frame Estimating sheet.

STEP 7: GLAZING PRICE

Determine which type of glazing material is needed and the appropriate quantity.				
GLAZING BEAD			SUA(Welded)	CNN (Notched)
INSTALLED GLAZING BEAD (16GA x 5/8" x 5/8")	Per Foot		\$13	NA
SHIPPED LOOSE (5/8" x 5/8") Cut to Size -Screws Not Included	Per Foot		NA	\$13
UL GLAZING BEAD (3/4" x 3/4") Cut to Size	Per Foot		\$34	\$34
GLAZING BEAD (5/8" x 5/8") 10'-0" SECTIONS*	Each		NA	\$50
SPECIAL PROFILE MOULDING / BEAD (NON-STANDARD)			CONSULT FACTORY	

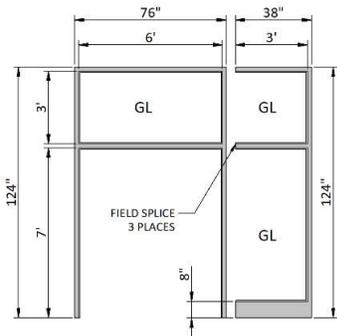
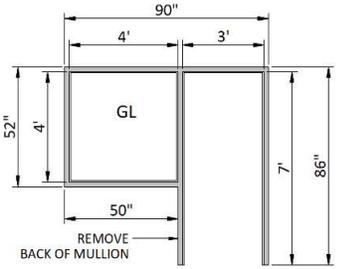
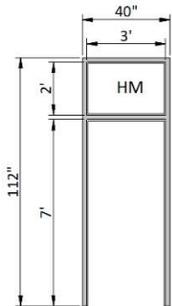
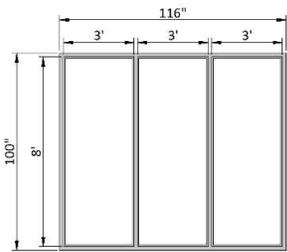
*See Parts pages for lot discount, note LTL shipments may incur an additional fee for the length of this component.

STEP 8: TOTAL

Total Steps 1-7 to determine the list value of the entire frame.

See the following pages for Pricing Examples.

CUT & NOTCH / WELD - SPECIAL UNITS PRICING EXAMPLES

ITEM#	LINEAR FT		COMPONENT	SUA (WELDED)		CNN		
	SIZES	QTY		FOR PRICING	LIST \$	TOTAL	LIST \$	TOTAL
ELEVATION X1 	1	362" / 12	31	OPEN SECTION	\$42.62	\$1,321.32	\$42.62	\$1,321.32
		230" / 12	20	CLOSED SECTION	\$88.01	\$1,760.23	\$88.01	\$1,760.23
		3'	3	OPN SECTION 8"	\$65.69	\$197.06	\$65.69	\$197.06
	2	ANCHOR	8	SSHH ANCHOR	\$7.00	\$56.00	\$7.00	\$56.00
		3' CHANNEL	1	SILL CHANNEL	\$19.70	\$19.70	\$19.70	\$19.70
	3	6'X7'	1	PAIRED OPENING	\$102.00	\$102.00	\$102.00	\$102.00
	4	JOINTS	2	OPEN MITERED	\$42.00	\$84.00	\$32.00	\$64.00
			4	2" MULLION JTS	\$120.00	\$480.00	\$13.00	\$52.00
			1	8" SILL JOINT	\$134.00	\$134.00	\$13.00	\$13.00
			3	FIELD SPLICES	\$188.00	\$564.00		
	7	20'+12'+18'	50	STD GLAZING	\$13.00	\$650.00		
			5	10' GLAZ BEAD			\$49.00	\$245.00
	8	TOTALS FOR UNIT:			SUA	\$5,368.32	CNN	\$3,830.32
	ELEVATION X2 	1	278" / 12	24	OPEN SECTION	\$17.00	\$408.01	\$17.00
		7'	7	CLOSED SECTION	\$37.73	\$264.13	\$37.73	\$264.13
2		ANCHOR	7	SSHH ANCHOR	\$7.00	\$49.00	\$7.00	\$49.00
3		3'X7'	1	SINGLE OPNG	\$96.00	\$96.00	\$96.00	\$96.00
4		JOINTS	3	OPEN MITERED	\$42.00	\$126.00	\$32.00	\$96.00
			2	2" MULLION JTS	\$120.00	\$240.00	\$13.00	\$26.00
			1	REMOVE BACK	\$108.00	\$108.00	\$108.00	\$108.00
7		4'+4'+4'+4'	16	STD GLAZING	\$13.00	\$208.00		
			2	10' GLAZ BEAD			\$50.00	\$100.00
8		TOTALS FOR UNIT:			SUA	\$1,499.14	CNN	\$1,147.14
ELEVATION X3 	1	264" / 12	22	OPEN SECTION	\$15.97	\$351.37	\$15.97	\$351.37
		3'	3	CLOSED SECTION	\$33.54	\$100.63	\$33.54	\$100.63
	2	ANCHOR	8	EXP BOLT / HAT	\$12.00	\$96.00	\$12.00	\$96.00
	3	3'X7'	1	SINGLE OPNG	\$96.00	\$96.00	\$96.00	\$96.00
	4	JOINTS	2	OPEN MITERED	\$42.00	\$84.00	\$32.00	\$64.00
			2	2" MULLION JTS	\$120.00	\$240.00	\$13.00	\$26.00
	5	PANEL	1	16GA 3'x2'	\$367.00	\$367.00	\$367.00	\$367.00
	6	INSTALL	1	TYPE "E"	\$84.00	\$84.00		
	8	TOTALS FOR UNIT:			SUA	\$1,418.99	CNN	\$1,100.99
	ELEVATION X4 	1	432" / 12	36	OPEN SECTION	\$12.62	\$454.44	\$12.62
		8'+8'	16	CLOSED SECTION	\$28.01	\$448.19	\$28.01	\$448.19
2		ANCHOR	8	SSHH ANCHOR	\$7.00	\$56.00	\$7.00	\$56.00
4		JOINTS	4	OPEN MITERED	\$42.00	\$168.00	\$32.00	\$128.00
			4	2" MULLION JTS	\$120.00	\$480.00	\$13.00	\$52.00
7		16+6(X3)	66	STD GLAZING	\$13.00	\$858.00		
			8	10' GLAZ BEAD			\$50.00	\$400.00
8		TOTALS FOR UNIT:			SUA	\$2,464.62	CNN	\$1,538.62

FRAME WEIGHT REFERENCE

Complete 3 Sided Unit

Single Component Parts

Type	3 Sided Complete Frame Units								Hinge Jamb			Strike Jamb			Header		
Series	F Series				DW Series				F Series								
Gage	14	16	18	16	16	18	16	18	14	16	18	14	16	18	14	16	18
Uniseal				•			•	•									

Size	Depth	Weight								HJ Weight			SJ Weight			Header Wt.		
2070	4 ¾	56	47	39	63	50	41	66	38	25	21	17	24	20	16	7	6	6
3070		59	49	40	66	52	42	69	39	25	21	17	24	20	16	10	8	7
4070		63	52	42	70	55	45	73	41	25	21	17	24	20	16	14	11	9
2080		64	51	41	69	54	43	72	40	29	23	18	28	22	17	7	6	6
3080		67	53	42	72	56	45	75	41	29	23	18	28	22	17	10	8	7
4080		71	56	44	76	59	47	79	43	29	23	18	28	22	17	14	11	9
2070	5 ¾	56	47	39	63	50	41	66	38	25	21	17	24	20	16	7	6	6
3070		59	49	40	66	52	42	69	39	25	21	17	24	20	16	10	8	7
4070		63	52	42	70	55	45	73	41	25	21	17	24	20	16	14	11	9
2080		64	51	41	69	54	43	72	40	29	23	18	28	22	17	7	6	6
3080		67	53	42	72	56	45	75	41	29	23	18	28	22	17	10	8	7
4080		71	56	44	76	59	47	79	43	29	23	18	28	22	17	14	11	9
2070	6 ¾	56	47	39	63	50	41	66	38	25	21	17	24	20	16	7	6	6
3070		59	49	40	66	52	42	69	39	25	21	17	24	20	16	10	8	7
4070		63	52	42	70	55	45	73	41	25	21	17	24	20	16	14	11	9
2080		64	51	41	69	54	43	72	40	29	23	18	28	22	17	7	6	6
3080		67	53	42	72	56	45	75	41	29	23	18	28	22	17	10	8	7
4080		71	56	44	76	59	47	79	43	29	23	18	28	22	17	14	11	9
2070	7 ¾	56	47	39	63	50	41	66	38	25	21	17	24	20	16	7	6	6
3070		59	49	40	66	52	42	69	39	25	21	17	24	20	16	10	8	7
4070		63	52	42	70	55	45	73	41	25	21	17	24	20	16	14	11	9
2080		64	51	41	69	54	43	72	40	29	23	18	28	22	17	7	6	6
3080		67	53	42	72	56	45	75	41	29	23	18	28	22	17	10	8	7
4080		71	56	44	76	59	47	79	43	29	23	18	28	22	17	14	11	9

For DW Component Wts - Add ~1lb Per Pc.

The weights indicated on this page are approximations based on average of variable conditions.

FRAME WEIGHT REFERENCE

Stick Material

Depth	Blank Jamb (BJ)	Hinge Jamb (HJ)	Strike Jamb (SJ)	Cased Opening	Filler Plate	Head Section			Sill Section			Sill Channel
						4"	6"	8"	8-5/8"	6-5/8"	4"	
4 3/4	27	29	28	23	15	38	50	60	0	50	38	26
5 3/4	30	32	31	26	17	40	53	62	62	53	40	29
6 3/4	33	35	34	28	20	43	55	65	65	55	43	33
8 3/4	28	40	39	32	26	47	60	70	70	60	47	40

Intermediate Mullions

Depth	Blank Mullion		Hinge Mullion		Strike Mullion		Double Hinge		Double Strike		Hinge and Strike	
	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"
Up To	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"	7' 2"	8' 0"
4 3/4	26	28	28	31	27	30	31	34	29	32	30	31
5 3/4	28	32	31	35	30	34	34	38	32	36	31	36
6 3/4	31	35	34	38	33	37	37	41	36	39	34	38
8 3/4	37	42	40	45	39	44	43	48	41	46	40	45

12'1" Stick Mullions

Depth	12'1" Stick Mullions						Misc Sitck Material				
	Blank Mullion	Hinge Mullion	Strike Mullion	Double Hinge	Double Strike	Hinge and Strike	4" Face Mullion	2 Way Corner	3 Way Corner	Dbl Egress Jamb	
4 3/4	36	38	37	41	39	40	44	46	48	26	
5 3/4	40	43	42	46	44	45	49	53	56	29	
6 3/4	44	47	46	50	52	53	57	60	62	30	
8 3/4	52	55	56	58	60	61	65	73	76	34	

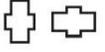
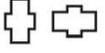
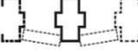
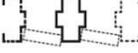
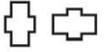
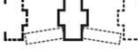
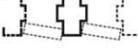
The weights indicated on this page are approximations based on average of variable conditions.

FRAMES- STICK MATERIAL CONTENTS

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STICK MATERIAL 16 GAGE

Stick Material Shown below is supplied in 2" Face ER unless otherwise specified. Stick material is intended to be cut to needed size (by the customer) for fabrication of special unit frames. Engineered Variations are available.

			16 Ga CRS			16 Ga Galv		
			4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"	4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"
			Hardware Spacing					
10'-0" STICK SECTIONS								
<u>STICK JAMBS</u>	<i>Details</i>	<i>Door Ht</i>						
FBJ - Blank Jamb		NA	\$105	\$116	\$128	\$125	\$138	\$153
FHJ - Hinge Jamb		6-8,7-0,7-2	\$121	\$125	\$139	\$136	\$149	\$165
		7-10,8-0	\$124	\$133	\$147	\$142	\$157	\$174
FSJ - Strike Jamb		NA	\$114	\$125	\$137	\$134	\$147	\$161
<u>STICK MULLIONS</u>	<i>Details</i>	<i>Door Ht</i>						
FM2 - Blank Mullion or Transom Bar (2" Face)		NA	\$228	\$251	\$278	\$270	\$296	\$329
FM4- Transom Bar (4" Face)		NA	\$330	\$364	\$403	\$393	\$431	\$479
SHM - Single Hinge Mullion		6-8,7-0,7-2	\$253	\$278	\$308	\$300	\$330	\$366
		7-10,8-0	\$266	\$292	\$324	\$315	\$347	\$385
SSM - Single Strike Mullion		NA	\$244	\$269	\$298	\$290	\$319	\$354
DHM - Double Hinge Mullion		6-8,7-0,7-2	\$337	\$371	\$411	\$400	\$439	\$488
		7-10,8-0	\$354	\$389	\$432	\$420	\$464	\$513
DSM - Double Strike Mullion		NA	\$273	\$301	\$334	\$325	\$358	\$396
HSM - Hinge & Strike Mullion		6-8,7-0,7-2	\$305	\$336	\$373	\$362	\$398	\$443
		7-10,8-0	\$316	\$348	\$385	\$375	\$412	\$454
MULLION COMPONENTS BY DOOR SIZE		Spacing						
<u>INTERMEDIATE MULLIONS</u>	<i>Details</i>	<i>Stick Ht</i>						
FI2 - Blank Mullion (2" Face)		6-8,7-0,7-2	\$241	\$265	\$294	\$294	\$324	\$359
		7-10,8-0	\$246	\$270	\$300	\$300	\$330	\$366
SHI - Single Hinge Mullion		6-8,7-0,7-2	\$258	\$284	\$315	\$315	\$347	\$384
		7-10,8-0	\$286	\$314	\$348	\$348	\$383	\$424
SSI - Single Strike Mullion		6-8,7-0,7-2	\$241	\$265	\$294	\$294	\$324	\$359
		7-10,8-0	\$260	\$287	\$318	\$318	\$350	\$388
DHI - Double Hinge Mullion		6-8,7-0,7-2	\$283	\$325	\$334	\$334	\$379	\$421
		7-10,8-0	\$325	\$356	\$396	\$396	\$435	\$483
DSI - Double Strike Mullion		6-8,7-0,7-2	\$260	\$287	\$318	\$318	\$350	\$388
		7-10,8-0	\$276	\$303	\$336	\$336	\$370	\$410
HSI - Hinge & Strike Mullion		6-8,7-0,7-2	\$278	\$305	\$339	\$339	\$373	\$413
		7-10,8-0	\$307	\$338	\$375	\$375	\$412	\$457

For Variations on the Items shown above - See the Stick Material Engineering Variations pages that follow.

NOTE: Glazing , Anchors, Screws, and Floor Anchors and other loose parts are not included in prices shown on this page.

STICK MATERIAL 16 GAGE

Stick Material Shown below is supplied in 2" Face ER unless otherwise specified. Stick material is intended to be cut to needed size (by the customer) for fabrication of special unit frames. Engineered Variations are available.

			16 Ga CRS			16 Ga Galv		
			4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"	4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"
10'-0" STICK SECTIONS								
<u>CASED SECTIONS</u>	<i>Details</i>	<i>Length</i>						
FBJ/CO - Cased Opening <i>(Order w/ CO Rabbet Option)</i>		10'-0"	\$105	\$116	\$128	\$125	\$138	\$153
<u>FILLER PLATES</u>	<i>Details</i>	<i>Length</i>						
FPS - Filler Plate with Stop		10'-0"	\$126	\$150	\$205	\$144	\$157	\$231
FPN - Filler Plate - No Stop		10'-0"	\$120	\$128	\$196	\$136	\$147	\$223
FCP - Cover Plate <i>(Depth less 1/4")</i>		10'-0"	\$75	\$85	\$145	\$85	\$94	\$158
<u>>2" FACE MATERIAL</u>	<i>Details</i>	<i>Length</i>						
BJ4 - 4" Blank Section		10'-0"	\$208	\$217	\$278	\$234	\$243	\$306
BJ6 - 6" Blank Section		10'-0"	\$245	\$253	\$315	\$277	\$286	\$351
BJ8 - 8" Blank Section		10'-0"	\$282	\$289	\$349	\$320	\$331	\$394
<u>SILL COMPONENTS</u>	<i>Details</i>	<i>Length</i>						
SS4 - 4" Sill Section		10'-0"	\$205	\$210	\$280	\$241	\$247	\$328
SS6 - 6" Sill Section		10'-0"	\$385	\$402	\$512	\$430	\$450	\$568
SS8 - 8" Sill Section		10'-0"	\$417	\$432	\$541	\$470	\$489	\$607
FSC - Sill Channel 14Ga GALV Only		10'-0"	\$209	\$220	\$360	\$209	\$220	\$360
<u>CORNER POST OPTIONS</u>	<i>Details</i>	<i>Length</i>						
CP2 - Corner Post (2 Way)		10'-0"	\$495	\$507	\$566	\$537	\$556	\$629
CP3 - Corner Post (3 Way)		10'-0"	\$551	\$563	\$623	\$599	\$619	\$690
C45 - Corner Post 45Deg		10'-0"	\$1,305	\$1,315	\$1,374	\$1,285	\$1,304	\$1,369
<u>DOUBLE EGRESS</u>	<i>Details</i>	<i>Length</i>						
FBJ/DE - Double Egress Jamb (Specify HG Loc)		10'-0"	\$374	\$378	\$439	\$399	\$408	\$472

For Variations on the Items shown above - See the Stick Material Engineering Variations pages that follow.

NOTE: Glazing , Anchors, Screws, and Floor Anchors and other loose parts are not included in prices shown on this page.

STICK MATERIAL 14 GAGE

Stick Material Shown below is supplied in 2" Face ER unless otherwise specified. Stick material is intended to be cut to needed size (by the customer) for fabrication of special unit frames. Engineered Variations are available.

			14 Ga CRS			14 Ga Galv		
			4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"	4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"
			Hardware Spacing					
10'-0" STICK SECTIONS								
<u>STICK JAMBS</u>	<i>Details</i>	<i>Door Ht</i>						
FBJ - Blank Jamb		NA	\$120	\$137	\$146	\$142	\$157	\$174
FHJ - Hinge Jamb		6-8,7-0,7-2	\$136	\$141	\$157	\$154	\$170	\$192
		7-10,8-0	\$140	\$149	\$165	\$168	\$184	\$203
FSJ - Strike Jamb		NA	\$128	\$146	\$154	\$163	\$178	\$194
<u>STICK MULLIONS</u>	<i>Details</i>	<i>Door Ht</i>						
FM2 - Blank Mullion or Transom Bar (2" Face)		NA	\$257	\$282	\$313	\$308	\$339	\$383
FM4- Transom Bar (4" Face)		NA	\$373	\$410	\$455	\$447	\$492	\$555
SHM - Single Hinge Mullion		6-8,7-0,7-2	\$286	\$314	\$348	\$342	\$376	\$425
		7-10,8-0	\$300	\$329	\$365	\$360	\$395	\$446
SSM - Single Strike Mullion		NA	\$276	\$303	\$337	\$330	\$364	\$411
DHM - Double Hinge Mullion		6-8,7-0,7-2	\$379	\$418	\$464	\$456	\$502	\$567
		7-10,8-0	\$399	\$439	\$488	\$479	\$526	\$595
DSM - Double Strike Mullion		NA	\$308	\$340	\$377	\$370	\$408	\$460
HSM - Hinge & Strike Mullion		6-8,7-0,7-2	\$344	\$379	\$421	\$413	\$455	\$514
		7-10,8-0	\$356	\$391	\$435	\$427	\$470	\$531
MULLION COMPONENTS BY DOOR SIZE		Spacing						
<u>INTERMEDIATE MULLIONS</u>	<i>Details</i>	<i>Stick Ht</i>						
FI2 - Blank Mullion (2" Face)		6-8,7-0,7-2	\$280	\$307	\$341	\$335	\$366	\$417
		7-10,8-0	\$286	\$314	\$348	\$342	\$376	\$425
SHI - Single Hinge Mullion		6-8,7-0,7-2	\$300	\$329	\$365	\$360	\$395	\$446
		7-10,8-0	\$330	\$364	\$403	\$397	\$436	\$493
SSI - Single Strike Mullion		6-8,7-0,7-2	\$280	\$307	\$341	\$335	\$369	\$417
		7-10,8-0	\$302	\$332	\$370	\$374	\$399	\$450
DHI - Double Hinge Mullion		6-8,7-0,7-2	\$328	\$361	\$400	\$394	\$433	\$489
		7-10,8-0	\$376	\$414	\$459	\$451	\$496	\$561
DSI - Double Strike Mullion		6-8,7-0,7-2	\$302	\$332	\$366	\$363	\$399	\$450
		7-10,8-0	\$319	\$351	\$390	\$383	\$421	\$477
HSI - Hinge & Strike Mullion		6-8,7-0,7-2	\$323	\$354	\$394	\$387	\$425	\$480
		7-10,8-0	\$356	\$391	\$435	\$427	\$470	\$531

For Variations on the Items shown above - See the Stick Material Engineering Variations pages that follow.

NOTE: Glazing , Anchors, Screws, and Floor Anchors and other loose parts are not included in prices shown on this page.

STICK MATERIAL 14 GAGE

Stick Material Shown below is supplied in 2" Face ER unless otherwise specified. Stick material is intended to be cut to needed size (by the customer) for fabrication of special unit frames. Engineered Variations are available.

			14 Ga CRS			14 Ga Galv		
			4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"	4-3/4" 5-3/4" 6"	6-3/4"	8-3/4"
10'-0" STICK SECTIONS								
<u>CASED SECTIONS</u>			<i>Details</i>	<i>Length</i>				
FBJ/CO - Cased Opening <i>(Order w/ CO Rabbet Option)</i>		10'-0"	\$120	\$137	\$146	\$142	\$157	\$174
<u>FILLER PLATES</u>			<i>Details</i>	<i>Length</i>				
FPS - Filler Plate with Stop		10'-0"	\$147	\$163	\$267	\$174	\$193	\$310
FPN - Filler Plate - No Stop		10'-0"	\$142	\$223	\$259	\$163	\$256	\$299
FCP - Cover Plate <i>(Depth less 1/4")</i>		10'-0"	\$85	\$94	\$182	\$102	\$116	\$217
<u>>2" FACE MATERIAL</u>			<i>Details</i>	<i>Length</i>				
BJ4 - 4" Blank Section		10'-0"	\$249	\$260	\$349	\$303	\$315	\$417
BJ6 - 6" Blank Section		10'-0"	\$292	\$306	\$391	\$359	\$372	\$472
BJ8 - 8" Blank Section		10'-0"	\$337	\$351	\$438	\$414	\$431	\$529
<u>SILL COMPONENTS</u>			<i>Details</i>	<i>Length</i>				
SS4 - 4" Sill Section		10'-0"	\$240	\$253	\$356	\$290	\$306	\$423
SS6 - 6" Sill Section		10'-0"	\$459	\$482	\$647	\$523	\$552	\$729
SS8 - 8" Sill Section		10'-0"	\$494	\$517	\$683	\$569	\$599	\$776
FSC - Sill Channel 14Ga GALV Only		10'-0"	\$209	\$220	\$360	\$209	\$220	\$360
<u>CORNER POST OPTION</u>			<i>Details</i>	<i>Length</i>				
CP2 - Corner Post (2 Way)		10'-0"	\$554	\$577	\$759	\$650	\$685	\$900
CP3 - Corner Post (3 Way)		10'-0"	\$616	\$640	\$824	\$726	\$759	\$976
C45 - Corner Post 45Deg		10'-0"	\$1,333	\$1,357	\$1,539	\$1,429	\$1,465	\$1,680
<u>DOUBLE EGRESS</u>			<i>Details</i>	<i>Length</i>				
FBJ/DE - Double Egress Jamb (Specify HG Loc)		10'-0"	\$411	\$424	\$512	\$478	\$493	\$590

For Variations on the Items shown above - See the Stick Material Engineering Variations pages that follow.

NOTE: Glazing , Anchors, Screws, and Floor Anchors and other loose parts are not included in prices shown on this page.

STICK MATERIAL - ENGINEERING VARIATIONS

		12 Gage Material Adders						Special Depth Adders			
		Add to 14 Gage Stick Equivalent						Add to 8-3/4" Stick			
SPECIAL GAGE OR DEPTH		12 Ga CRS			12 Ga Galv			16 Ga Matl		14 Ga Matl	
		Up to 6"	Up to 8-3/4"	Up to 12-3/4"	Up to 6"	Up to 8-3/4"	Up to 12-3/4"	To 12-3/4"	To 12-3/4"	To 12-3/4"	To 12-3/4"
STICK TYPE		Details									
Jamb	Up to 10'-0"	\$108	\$116	\$205	\$208	\$240	\$352	\$53	\$129	\$66	\$175
Mullion		\$218	\$236	\$470	\$418	\$484	\$780	\$106	\$260	\$130	\$354
Intermediate Mullion	Up to 8'0"	\$162	\$173	\$315	\$326	\$348	\$537	\$70	\$175	\$89	\$248
4" Head or Sill	Up to 10'-0"	\$130	\$136	\$227	\$252	\$279	\$394	\$53	\$148	\$66	\$193
6" Head or Sill		\$153	\$156	\$248	\$296	\$322	\$434	\$53	\$168	\$66	\$208
8" Head or Sill		\$173	\$175	\$266	\$343	\$362	\$474	\$53	\$189	\$66	\$223
Filler Plate	Up to 10'-0"	\$66	\$78	\$153	\$127	\$157	\$421	\$45	\$101	\$55	\$130
Cover Plate	Up to 10'-0"	\$45	\$47	\$137	\$87	\$92	\$205	\$53	\$90	\$66	\$116
Sill Section Channel	Up to 10'-0"	NA	NA	NA	NA	NA	NA	NA	NA	\$55	\$186
Transom Bar 4"	Up to 10'-0"	\$252	\$260	\$492	\$489	\$512	\$741	\$106	\$270	\$130	\$351
Corner Post		\$306	\$314	\$679	\$591	\$614	1077	\$210	\$426	\$259	\$548
Double Egress Jamb		\$211	\$327	\$311	\$410	\$441	\$554	\$53	\$193	\$66	\$247

12 Ga Stick Pricing

- 1.) Find Price 14 Gage Equivalent Price on Previous Page(s)
- 2.) Add Matching Price Shown Here.

Larger Jamb Depth Pricing

- 1.) Find 8-3/4" Price of Desired Gage on the Previous Page(s).
- 2.) Add Matching Price Shown Here.

Certain manufacturing limitations apply based on stick type.
Consult factory for any products outside of this scope.

SPECIAL FACE DIMENSIONS		COLD ROLLED			GALVANNEALED		
Description	Material:	OPEN SECTION	CLOSED SECTION	INTER. MULLION	OPEN SECTION	CLOSED SECTION	INTER. MULLION
Face Dimension	Min Jamb Depth*						
1" to 2"	3-1/2" (for 1" Face)	\$34	\$286	\$194	\$34	\$318	\$215
Over 2" to 4"	4-3/4" (for 2" Face)	\$150	\$286	\$194	\$164	\$318	\$215
Over 4" to 6"	5-3/4" (for 4" Face)	\$204	\$477	\$328	\$223	\$525	\$360
Over 6" to 8"	7" (for 6" Face)	\$257	\$1,015	\$714	\$284	\$1,116	\$788
Over 8" to 10"	5-3/4" (2 Piece Construction)	\$342	\$1,237	\$861	\$380	\$1,362	\$951
Over 10" to 12"		\$415	\$1,550	\$1,078	\$460	\$1,707	\$1,192
		10'0"	10'0"	To 8'0"	10'0"	10'0"	To 8'0"

*Forming Limitations on some stick components require a minimum jamb depth.

VARIATIONS			
Code	Description	Instruction	List Add
SR	Single Rabbet	Add to Appropriate Stick Price	\$43
DRTN	Double Return	Add to Appropriate Stick Price	\$43

HARDWARE VARIATIONS

Where applicable to sticks, variation options (adds) from the Engineered Frames section can be used.

NOTE: Glazing , Anchors, Screws, and Floor Anchors and other loose parts are not included in prices shown on this page.

SPECIAL ASSEMBLIES- CONTENTS

WINDSTORM

PIOCANE 70

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+/- 70 psf Doors 89

PIOCANE 50

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BLAST RESISTANT

SBR SERIES

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BULLET RESISTANT

BR752 SERIES

Bullet Resistance tested per per UL 752 -level I thru III 100

W (Windstorm) CONSTRUCTION - FL#7971 (F Construction)

PIOCANE FRAME UNITS (F70 SERIES)

Prices Shown are for the Frame Only and do not include Approved Hardware Sets.

PIOCANE 70

+/-70 PSF Design

FRAME

FRAME PRICE INCLUDES:

- 2" Face 3 Sided Frame
- 16 Ga Galv Construction
- Hurricane Label
- Standard Strike

F70 Windstorm		16 Ga Galv Single			16 Ga Galv Pair			
Standard Sizes		4"	6 3/4"	8 3/4"	4"			
Width	Height	5 3/4", 6"	6 3/4"	8 3/4"	Width	5 3/4", 6"	6 3/4"	8 3/4"
2-4	7-0	\$404	\$422	\$455	4-0	\$508	\$527	\$564
3-0		\$404	\$422	\$455	6-0	\$508	\$527	\$564
4-0		\$410	\$430	\$462	8-0	\$525	\$545	\$582
2-4	8-0	\$476	\$499	\$539	4-0	\$585	\$608	\$645
3-0		\$476	\$499	\$539	6-0	\$585	\$608	\$645
4-0		\$483	\$507	\$546	8-0	\$601	\$626	\$662

4"- 5-3/4" Jamb Depth Frames must be fully grouted at install.

4	Gage	Add
14	Ga Galv Sngle	\$112
	Pair	\$123

APPROVED ANCHORS

- 2" Expansion Bolt Hat Anchor w/ Bolts
- Loose T and Wire Masonry Anchors, or Welded in EOFP, and Yoke & Strap

OPTION / ADDERS NOTE: For full list of limitations see www.floridabuilding.org - FL#7971.

9	Jamb Depth Variations	Add
SPD	Non Standard up to 8-3/4" Depth	N/C
SPD	Non Standard Over 8-3/4" to 12"	
	Width to 4-0	\$125
	Width Over 4-0	\$152
10/11	Size Variations	Add
SW	Special Width Thru 8-0x8-0 *	N/C
SH	Special Height Thru 8-0x8-0 *	N/C
* Price Next Larger Size		

19	Anchor Options (Welded In / Prep)	Add
EO	EXISTING OPENING ANCHOR	
	Pipe & Plate (EOFP) to 8-3/4" JD	(Each) \$30.00
MAS	MASONRY WALL ANCHOR	
	Yoke and Strap (Y&S)	(Each) \$8.00

BOLTS NOT INCLUDED WITH ANCHORS

14	Additional Strike	Add
478/234	Standard Strike (any Location)	\$45
SASR	Surface Applied Strike Reinforce	\$17
16	Special Face	Add
2H2J	2" Face Head & 2" Face Jamb	N/C
4H2J	4" Face Head	Single \$44
		Pair \$65
17	Label Type	Add
L	Label Required	Single \$19
	SEE TECH DATA FOR REQUIREMENTS	Pair \$38

See Page 16 for Specific Label Notation.

20-21	Hinge Preparation	Add
450(HW)	4-1/2" Std or Heavy Weight	N/C
500(HW)	5" Std or Heavy Weight (Per Hinge)	\$6
	Each Additional Hinge (Per Hinge)	\$17

23	Closer Type	Add
REG- or PAC-	Surface Closer Reinforce	Single \$14
	(\$13 Per Closer Reinf)	Pair \$28
CLSL	Closer Sleeve Reinforce	Single \$50
	(12" By Full Depth)	Pair \$100

18	Welding Options	To 8-3/4"	Over 8-3/4"
FW	Setup and Face Weld	\$79	\$101
CW	Continuous Throat Weld	\$136	\$183

24	Bolt Type	Add
FBKO	Standard Flush Bolt Knock Out	N/C
FBM	Mortised Flush Bolt Strike	(Each) \$42
CVRS()	CVR Mortise Strike Head	(Each) \$42

NOTE: Smaller Qty Weleded Units may require additional crating charges.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🛠️ = Hand Req'd

W (Windstorm) CONSTRUCTION - FL#7971

PIOCANE DOOR UNITS

Prices Shown are for the Door Only and do not include Hardware.

PIOCANE 70

+/-70 PSF Design

DOOR

DOOR PRICE INCLUDES:

- 16 Ga Galvannealed Steel Door
- Tack Welded Edges
- 12 Ga Top & Bottom Caps
- One Coat Baked Prime Paint
- Beveled Edge Construction
- Hurricane Label

MUST USE APPROVED LOCKS FOR FL#7971
Including Miami Dade County (HVHZ Zones)

Miami Dade OR FBC Approved Locks may be used.

Singles up to 4-0x8-0 and Pairs up to 8-0x8-0

W70 Windstorm		16 Ga Galv	14 Ga Galv
Standard Sizes		16G	14G
Width	Height	GALV	GALV
3-0	7-0	\$1,324	\$1,558
3-6		\$1,444	\$1,678
4-0		\$1,558	\$1,791
3-0	8-0	\$1,528	\$1,792
3-6		\$1,646	\$1,910
4-0		\$1,761	\$2,025

OPTION / ADDERS

3	Door Series (Construction)	ListAdd
	W70F Seamless Edge / Tack & Fill	\$90
8	Astragals - Add to Strike & Bolt Prep	ListAdd
	<i>Z Astragal</i>	
	ZS Z Astragal (Screw Applied)	\$115
	ZW Z Astragal (Welded)	\$170

Note: Astragal Price does not include Strike or FB Price.

10/11	Non-Standard Sizes	
	Price Next Larger Size Door and Add the following:	
	SW Special Width Up to 4'0"**	\$34
	Std Widths = 2-0, 2-4, 2-6, 2-8, 2-10, 3-0, 3-4, 3-6, 3-8, 3-10, 4-0	
	SH Special Height Up to 8'0"**	\$34
	Std Heights = 6-8, 7-0, 7-2, 7-10, 8-0	

12	Primary Lock - Device Types - Strikes	
	<i>Cylindrical Locks</i>	
	T Cylindrical -Turtle	NC
	L Cylindrical Lock w/ Thru Bolt ~T	\$34

Single Point Locks must be paired with Deadlock.

Exit Device - Preparation		
RPP	Rim Exit Device w/ Prep ~T	\$79
CVR	Concealed Vertical Rod Prep ~T	\$437
Primary Strike Preparations		
478	4-7/8" Lipped Strike	\$32

13/22	Hardware Location	Other than S Series & Pioneer
	Non-Standard Hinge or Lock Location	\$34

NOTE: For full list of limitations see www.floridabuilding.org - FL#7971.

14	Secondary Locks & Strikes	ListAdd
	<i>DeadLock</i>	
	CDL Cylindrical Dead Lock >= 48"CL AFF	\$55
	234 2-3/4" Lipped Strike	\$32

17	Label Variations	
	L Label Needed	\$32
	N No Label Needed	NC
	<i>Metal Label Designation</i>	\$75

Please Note Specific Label Needs
(Agency/Rating/Material) when applicable.

20-21	Hinges	
	450(HW) 4-1/2" Std Wt or Hvy Wt @ Std Location	NC
	500(HW) 5" Standard Wt Hinges (Per Hinge)	\$7
	<i>Hg Qty</i> Each Additional Hinge (Per Hinge)	\$17

23	Closer / Holder Type	
	PAC Regular or Parallel Arm Closer	\$15
	SOH Surface Overhead Closer / Holder	\$39

24	Bolt Type (Flush Bolt)	
	FB Flush Bolt Preparation (ANSI 115.4)	\$74

W (Windstorm) CONSTRUCTION - FL#14446 (for use with Glazed Door Units)
PIOCANE FRAME UNITS (F50 SERIES)

PIOCANE 50

+/-50 PSF Design

FRAME

FRAME PRICE INCLUDES:

- 2" Face 3 Sided Frame
- 16 Ga Galv Construction
- Hurricane Label

F50 Windstorm		16 Ga Galv Single			16 Ga Galv Pair			
Standard Sizes		4"	6 3/4"	8 3/4"	4"	6 3/4"	8 3/4"	
Width	Height	5 3/4", 6"			Width	5 3/4", 6"	8 3/4"	
2-4	7-0	\$404	\$422	\$455	4-0	\$508	\$527	\$564
3-0		\$404	\$422	\$455	6-0	\$508	\$527	\$564
4-0		\$410	\$430	\$462	8-0	\$525	\$545	\$582
2-4	8-0	\$476	\$499	\$539	4-0	\$585	\$608	\$645
3-0		\$476	\$499	\$539	6-0	\$585	\$608	\$645
4-0		\$483	\$507	\$546	8-0	\$601	\$626	\$662

4"- 5-3/4" Jamb Depth Frames must be fully grouted at install.

4	Gage	Add
14	Ga Galv	Single \$112 Pair \$123

APPROVED ANCHORS

- 2" Expansion Bolt Hat Anchor w/ Bolts
- Loose T and Wire Masonry Anchors, or Welded in EOPP, and Yoke & Strap

OPTION / ADDERS NOTE: For full list of limitations see www.floridabuilding.org - FL#7971.

9 Jamb Depth Variations		Add
SPD	Non Standard up to 8-3/4" Depth	N/C
SPD	Non Standard Over 8-3/4" to 12"	
	Width to 4-0	\$125
	Width Over 4-0	\$152
10/11 Size Variations		Add
SW	Special Width Thru 8-0x8-0 *	N/C
SH	Special Height Thru 8-0x8-0 *	N/C
* Price Next Larger Size		

19 Anchor Options (Welded In / Prep)		Add
EO	EXISTING OPENING ANCHOR	
	Pipe & Plate (EOPP)	(Each) \$30.00
MAS	MASONRY WALL ANCHOR	
	Yoke and Strap (Y&S)	(Each) \$8.00

BOLTS NOT INCLUDED WITH ANCHORS

14 Additional Strike		Add
478/234	Standard Strike (any Location)	\$45
SASR	Surface Applied Strike Reinforce	\$17
16 Special Face		Add
2H2J	2" Face Head & 2" Face Jamb	N/C
4H2J	4" Face Head	Single \$44
		Pair \$65
17 Label Type		Add
L	Label Required	Single \$19
	SEE TECH DATA FOR REQUIREMENTS	Pair \$38

See Page 16 for Specific Label Notation.

20-21 Hinge Preparation		Add
450(HW)	4-1/2" Std or Heavy Weight	N/C
500(HW)	5" Std or Heavy Weight (Per Hinge)	\$6
Each Additional Hinge (Per Hinge)		\$17

23 Closer Type		Add
REG- or PAC-	Surface Closer Reinforce	Single \$14
	(\$13 Per Closer Reinf)	Pair \$28
CLSL	Closer Sleeve Reinforce	Single \$50
	(12" By Full Depth)	Pair \$100

18 Welding Options		To 8-3/4"	Over 8-3/4"
FW	Setup and Face Weld	\$79	\$101
CW	Continuous Throat Weld	\$136	\$183

24 Bolt Type		Add
FBKO	Standard Flush Bolt Knock Out	N/C
FBM	Mortised Flush Bolt Strike	(Each) \$42
CVRS()	CVR Mortise Strike Head	(Each) \$42

NOTE: Smaller Qty Weleded Units may require additional crating charges.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🖐️ = Hand Reqd

W (Windstorm) CONSTRUCTION - FL#14446

PIOCANE GLAZED / STEEL DOOR (IMPACT)

Prices Shown Below are for Door Only

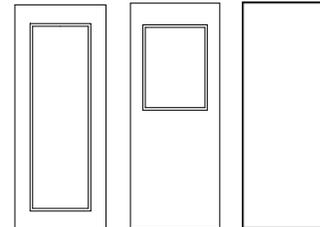
PIOCANE 50

+/-50 PSF Design

DOOR

W50 Series Base				
Standard Sizes		18 Gauge	16 Gauge	14 Gauge
Width	Height	GALV	GALV	GALV
3-0	7-0	\$912	\$1,025	\$1,234
3-6		\$1,036	\$1,148	\$1,395
4-0		\$1,153	\$1,265	\$1,547
3-0	8-0	\$1,020	\$1,132	\$1,373
3-6		\$1,143	\$1,256	\$1,533
4-0		\$1,260	\$1,372	\$1,686

See Previous Page for Piocane 50 Matching Frame.



30"x70" Max Kit Size

DOOR PRICE LEFT INCLUDES:

- Modified HP Series Base Door
- Polystyrene Core
- 12 Ga Top & Bottom Caps Welded
- One Coat Baked Prime Paint
- Hurricane Label

Note: For IMPACT and/or NON-IMPACT lite kits, please contact the factory pricing.

Limited to Single Swing @ 4-0x8-0; Pair @ 8-0x8-0

NOTE: For full list of limitations see www.floridabuilding.org - FL#14446

3 Series Adds (Core & Edge)		
W50F	Seamless Edge / Tack & Fill	\$90

8 Astragals - Add to Strike & Bolt Prep		
Z Astragal		
ZS	Z Astragal (Screw Applied)	\$115
ZW	Z Astragal (Welded)	\$170

Note: Astragal Price does not include Strike or FB Price.

9 Elevation Adders		
Non-Impact (See Note)		
Contact Factory for all doors with Lite Kits.		

10/11 Non-Standard Sizes		
Price Next Larger Size Door		
SW	Special Width Up to 4'0"	N/C
Std Widths = 2-0, 2-4, 2-6, 2-8, 2-10, 3-0, 3-4, 3-6, 3-8, 3-10, 4-0		
SH	Special Height Up to 8'0"	N/C
Std Heights = 6-8, 7-0, 7-2, 7-10, 8-0		

12 Primary Lock - Device Types - Strikes		
Cylindrical Locks		
CYL	Cylindrical Lock	NC
T	Cylindrical -Turtle	NC
L	Cylindrical Lock w/ Thru Bolt ~T	\$34

12 Primary Lock - Device Types - Strikes (Cont.)		
Exit Device - Preparation		
RPP	Rim Exit Device w/ Prep ~T	\$79
SVRP	Surface Vertical Rod Prep ~T	\$119
Primary Strike Preparations		
478	4-7/8" Lipped Strike	\$32
234	2-3/4" Lipped Strike	\$32
Dead Locks		
CDL	Cylindrical Dead Lock	\$55
13/22 Hardware Location Other than S Series & Pioneer		
Non-Standard Hinge or Lock Location		
\$34		

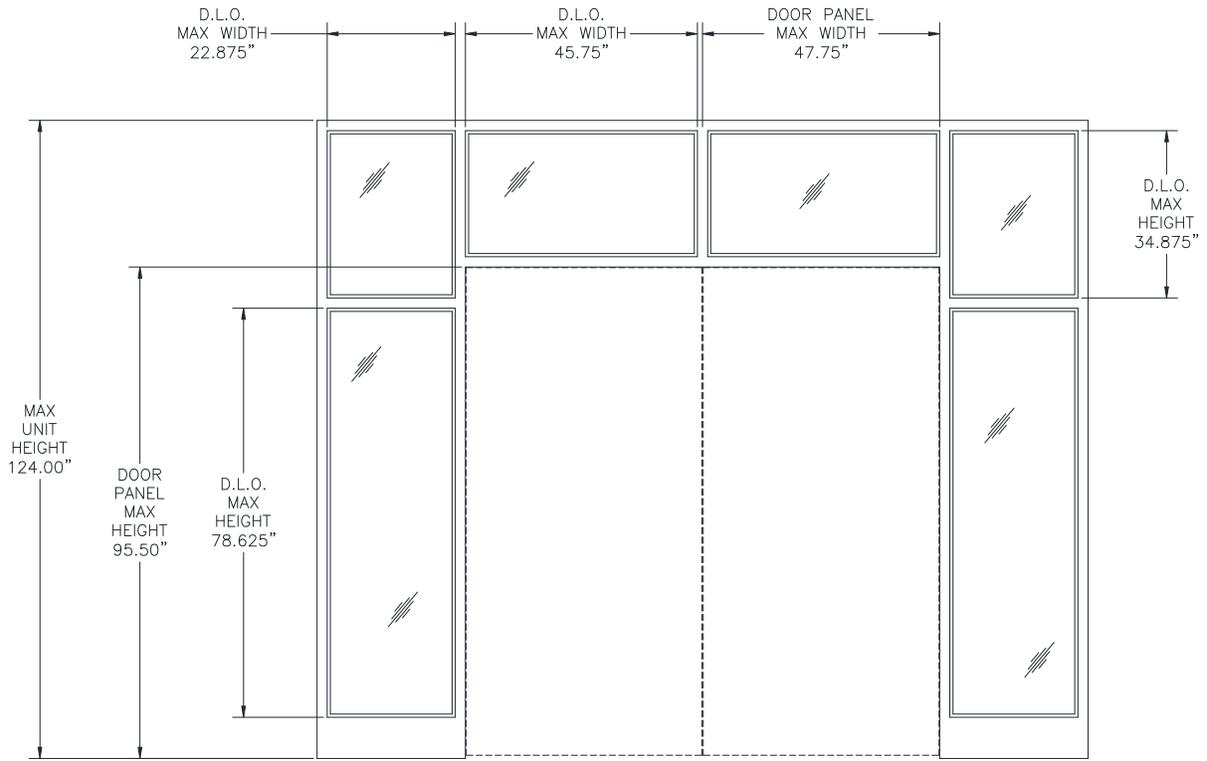
20-22 Hinges		
450(HW)	4-1/2" Std Wt or Hvy Wt @ Std Locations	N/C
500(HW)	5" Std Wt or Hvy Wt (Per Hinge)	\$7
Hg Qty	Each Additional Hinge (Per Hinge)	\$17

23 Closer / Holder Type		
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39

24 Bolt Type (Flush Bolt)		
FB	Flush Bolt Preparation (ANSI 115.4)	\$74

W (Windstorm) CONSTRUCTION - FL#14445 (F Series)
GLAZED / STOREFRONT FRAMES (IMPACT) UNIT/STK SERIES

PIOCANE 50

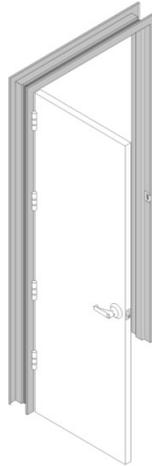


Sizes shown are the limitations for PIOCANE Glazed Storefront Unit per file FL14445 (2.22.11).

This product can be priced using linear foot pricing as shown on **pages 71-73** of this manual. Please note that other limitations may be in effect and file FL14445 should be referenced for all PIOCANE store front assemblies.

FEMA 361 F SERIES FRAMES

MASONRY UNITS			12 GA GALV MATERIAL		
Hgt.	Width	Depth	4 3/4" 5 3/4", 6"	6 3/4"	8 3/4"
6-8	SINGLE OPENING (3S)				
	2-0, 2-4		\$920	\$978	\$1,113
	2-6, 2-8, 2-10, 3-0		\$927	\$985	\$1,120
	3-4, 3-6, 3-8, 3-10, 4-0		\$934	\$991	\$1,126
	PAIR OPENING (3P)				
	4-0		\$976	\$1,033	\$1,168
	4-8, 5-0, 5-4, 5-8, 6-0		\$1,069	\$1,126	\$1,262
6-8, 7-0, 7-4, 7-8, 8-0		\$1,117	\$1,174	\$1,309	
7-0	SINGLE OPENING (3S)				
	2-0, 2-4		\$922	\$981	\$1,117
	2-6, 2-8, 2-10, 3-0		\$931	\$989	\$1,124
	3-4, 3-6, 3-8, 3-10, 4-0		\$937	\$997	\$1,131
	PAIR OPENING (3P)				
	4-0		\$979	\$1,037	\$1,173
	4-8, 5-0, 5-4, 5-8, 6-0		\$1,073	\$1,131	\$1,266
6-8, 7-0, 7-4, 7-8, 8-0		\$1,119	\$1,177	\$1,312	
8-0	SINGLE OPENING (3S)				
	2-0, 2-4		\$976	\$1,037	\$1,177
	2-6, 2-8, 2-10, 3-0		\$982	\$1,045	\$1,185
	3-4, 3-6, 3-8, 3-10, 4-0		\$989	\$1,052	\$1,191
	PAIR OPENING (3P)				
	4-0		\$1,010	\$1,073	\$1,212
	4-8, 5-0, 5-4, 5-8, 6-0		\$1,103	\$1,166	\$1,306
6-8, 7-0, 7-4, 7-8, 8-0		\$1,150	\$1,212	\$1,352	
9-0	SINGLE OPENING (3S)				
	2-0, 2-4		\$1,104	\$1,178	\$1,356
	2-6, 2-8, 2-10, 3-0		\$1,112	\$1,186	\$1,363
	3-4, 3-6, 3-8, 3-10, 4-0		\$1,119	\$1,192	\$1,371
	PAIR OPENING (3P)				
	4-0		\$1,140	\$1,213	\$1,392
	4-8, 5-0, 5-4, 5-8, 6-0		\$1,233	\$1,307	\$1,485
6-8, 7-0, 7-4, 7-8, 8-0		\$1,279	\$1,353	\$1,531	



FRAME PRICE INCLUDES:

- F Series Frames Constructed of 12 Ga Galv
- Frame Face Welding
- Additional Hinge (Min 4 Per)
- Wire Anchors for Masonry Wall Condition
- 3/16" Strike Tab Reinforcements
- Additional DeadLock Strike
- Punch & Dimple (Heads)
- Vertical Rod Strikes (if applicable)

10/11 Size Variations

SW	Special Width Thru 8-0x9-0 *	N/C
SH	Special Height Thru 8-0x9-0 **	N/C
* Price Next Larger Size		
** Price Next larger Size		

16 Special Face

2H2J	2" Face Head / 2" Face Jamb	N/C
4H2J	4" Face Head	(H) Single \$44 (PH) Pair \$65

17 Fire Label

L	Label Required	\$19
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18 Welding Options To 8-3/4"

FW	Setup and Face Weld	Included
CW	Continuous Throat Weld	\$57

NOTE: Smaller Qty Weleded Units may require additnl crating charges.

19 Anchor Options

MAS	Yoke and Strap (Y&S)	(Ea)	\$8
EO	Channel and Plate (CHPP)	(Ea)	\$36
	EO Pipe and Plate-UL (EOPP)	(Ea)	\$30

*Larger Jamb Depth may warrant additional charges. (See Eng Frames)

FEMA 361 DOORS & FRAMES ARE PREPARED FOR ONE OF THE FOLLOWING DEVICES:

- SECURITECH* 8vT45G-G1-IHD CVR EXIT DEVICE (EA/PAIR)
- SECURITECH* SURFACE EXIT DEVICE (EA/PAIR)
- SECURITECH* 5311-F13-IHD-HVL 3 POINT LOCK (EA/SINGLE)
- VON DUPRIN WS 9927 VERTICAL ROD EXIT DEVICE (ACTIVE LEAF)
- 3/4" SQUARE x 12" SLIDE BOLT / TOP & BOTTOM (INACTIVE LEAF)
- VON DUPRIN WS 9927 VERTICAL ROD EXIT DEVICE (EA/SINGLE)
- PDQ LOCK WITH MEDECO DEADLOCKS(EA/SINGLE)

*Securitech Openings must be fully grouted and require either an EOPP or ULPP anchor in the head.

20-21 Hinge Preparation

450(HW)	4-1/2" Std or Heavy Weight	N/C
500(HW)	5" Std or Heavy Weight (Per Hinge)	\$6
Additional Hinge (More than 4 Hinges) Each \$17		

Required 4th Hinge included in chart price.

23 Closer Type

REG- or PAC-	Surface Closer Reinforce	Single \$14 (\$14 Per Closer Reinf)	Pair \$28
---------------------	--------------------------	--	-----------

FEMA 361 C SERIES DOORS

FEMA (C Series)		
Standard Sizes		14 Gauge
Width	Height	CRS
2-0, 2-4	6' 8"	\$3,622
2-6, 2-8,		\$3,661
2-10, 3-0		\$3,709
3-4, 3-6, 3-8		\$3,914
3-10, 4-0		\$4,118

2-0, 2-4	7' 0"	\$3,643
2-6, 2-8,	7' 2"	\$3,703
2-10, 3-0	7' 10"	\$3,751
3-4, 3-6, 3-8	8' 0"	\$3,962
3-10, 4-0		\$4,158

2-0, 2-4	9'0"	\$3,851
2-6, 2-8,		\$3,907
2-10, 3-0		\$3,956
3-4, 3-6, 3-8		\$4,170
3-10, 4-0		\$4,431

PLEASE NOTE:

Doors will have beveled lock and hinge edges.

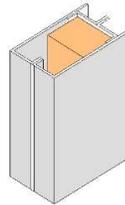
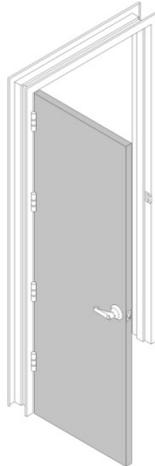
Code	Description	Add
3	Door Construction	
FEMA	FEMA 361 Door	Included
<i>All C Series Doors will have seamless center seam edge; continuously welded across door height.</i>		

5	Material Type	
G	Galvannealed Material*	\$53

10/11	Non-Standard Sizes	
Price Next Larger Size Door		
SW	Special Width Up to 4'0"	
SH	Special Height Up to 8'0"	

17	Label Variations	
L	Label Needed	\$32
N	No Label Needed	NC
<i>Metal Label Designation</i>		\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.



FEMA DOOR SHOWN INCLUDES:

- 14 Gage Continuous Welded Construction
- Steel Stiffened with Fiberglass Insulation
- Top & Bottom Closures & Caps
- 4 Hinge Preparations (Min) - with 7 Gage Reinfs
- 3/16" Lock Reinforcement Tabs
- Hardware Preps (See Below)

18/19	Top / Bottom Door Caps Installed	
<i>Top and Bottom Cap Installed</i>		
STBS	Top & Bottom Cap Screwed on	Included

20	Hinges	
450(HW)	4-1/2" Std Wt or Hvy Wt @ Std Location	NC
500(HW)	5" Standard Wt Hinges (Per Hinge)	\$7

Code	Description	Add
------	-------------	-----

Hardware / Primary Lock - Device Types		
Option 1 - PDQ & Medeco Deadlocks		
12	MST Mortised - PDQ Lock	Included
14	MED3 Qty 3 Medeco Deadlocks	Included
Option 2 - Securitech Single Opening		
12	SVRP SVR - Securitech 5311-F13-IHD-HVL	\$525
Option 3 - Securitech Pair Opening		
12	CVR CVR - Securitech 8VT45-G1-IHD	\$525

23	Closer / Holder Type	
PAC	Regular or Parallel Arm Closer	\$11

PIOSONIC SOUND INSULATED DOOR and FRAME UNITS
MUST BE ORDERED AS A COMPLETE UNIT (DOOR,FRAME, and SEALS)

STC UNIT

ASSEMBLIES WITH FLUSH DOORS

Rating		STC35	STC37	STC45	STC46	STC48	STC52
Range		To 35	36-37	38-45	46	47-48	49-52
Door Type		H16	C18	C16	C16	SR16	SR16
Frame Type		F16/ER	F14/ER	F14/ER	F14/CO	F14/CO	F14/CO
Gasket Type		A	A	A	B	B	B
COMPLETE UNIT							
3-0	7-0	\$2,921	\$3,678	\$5,195	\$5,195	\$8,989	\$9,550
4-0		\$3,294	\$4,149	\$5,721	\$5,651	\$9,656	\$10,220
6-0		\$6,050	\$7,729	\$10,763	\$10,600	\$18,188	\$19,310
8-0		\$6,853	\$8,668	\$11,812	\$11,511	\$19,520	\$20,648
3-0	8-0	\$3,290	\$4,143	\$5,708	\$5,637	\$9,654	\$10,218
4-0		\$3,663	\$4,613	\$6,292	\$6,181	\$10,109	\$10,672
6-0		\$6,788	\$8,658	\$11,788	\$11,483	\$19,516	\$20,644
8-0		\$7,535	\$9,599	\$12,957	\$12,572	\$20,428	\$21,554

DOORS w/ KITS*

STC42	STC44
35-42	43-44
C16	SR16
F14/ER	F14/CO
A	B
\$5,195	\$8,098
\$5,721	\$8,696
\$10,763	\$16,406
\$11,812	\$17,601
\$5,708	\$8,691
\$6,292	\$9,175
\$11,788	\$17,591
\$12,957	\$18,560

*Kits not included in Price Shown. Contact Factory for Kit Price.

FIRE LABEL ADD		STC35	STC37	STC45	STC46	STC48	STC52
Up to		3Hr	3Hr	3Hr	1.5Hr	1.5Hr	1.5Hr
Frame Add		\$32	\$32	\$32	\$32	\$32	\$32
Each Door Add		\$19	\$19	\$19	\$19	\$19	\$19

STC42	STC44
(V)1.5Hr / (G).75Hr	
\$32	\$32
\$19	\$19

NOTE: For "B" Type Gasket Openings - Aluminum Seals will carry a maximum 45Minute Fire Rating. For 1-1/2Hr Rating you will need to upgrade to Steel Seals @ \$23/Foot Add.

Consult Factory for Specific Requirements and/or Limitations on UL Ratings for these products.

BASE PRICE INCLUDES:

- 16 or 18 Ga CRS or Galvannealed Seamless Steel Door
- Set up and Welded 14 or 16 Gauge Frame (to 8-3/4" Depth)
- Beveled Edge Door
- Standard Hinge and Cylindrical Lock (Strike) Preparation
- Top and Bottom Caps
- One Coat Baked Prime Paint
- Door Bottom (Based on Gasket Type)
- Undercut to accommodate Hardware
- Frame Perimeter Seals (Gasketing) [Shipped Loose]
- Frame Saddle

TESTING:

The testing procedures were performed on the door panel with the door bottom installed and the frame gasketing (seals) in place, as a complete operable unit.

**PIONEER PIO-SONIC SOUND INSULATING PRODUCTS
 MUST BE FURNISHED AS A COMPLETE UNIT AS
 DICTATED BY CERTIFYING ORGANIZATION.**

CONTACT FACTORY FOR PRICING BREAKDOWN OR REPLACEMENT PART PRICING

SEE NEXT PAGE FOR BREAKDOWN BY GASKET TYPE

PIOSONIC SOUND INSULATED DOOR and FRAME UNITS MUST BE ORDERED AS A COMPLETE UNIT (DOOR,FRAME, and SEALS)

STC UNIT

Options included in STC Unit Doors and Frames (Based on Gasket Type - See Chart on Previous Page)

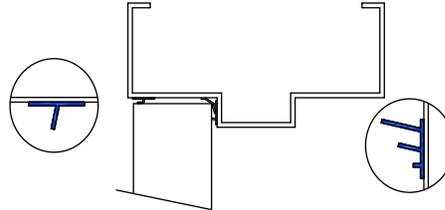
Type A Openings will be prepared with Rubber\Foam Seals on Head and Jamb, Recessed Door Bottom Sweep and Custom Threshold.

Type B Openings will be prepared with applied stops with integrated seal(s), Surface Applied Automatic Door Bottom and threshold with integrated gasket.

FRAME INCLUDES

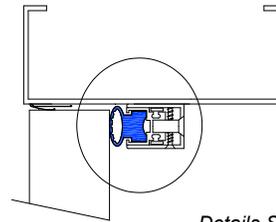
Type A

F Series - Masonry Construction
16 Gauge (STC35) or 14 Gauge (All Others) Material
Standard Double Rabbet Profile
Standard Strike (4-7/8) and Standard 4-1/2" Hinge Preparation w/
High Frequency Hinge Reinforcement (HFH) / Top Hinge
Face Welded Assembly (FW)



Type B

F Series - Masonry Construction
14 Gauge Material
Cased Opening Profile
Reinforcements for Surface Applied Stop/Seals (CONH / PAFW)
Removable Square Mullion in Pair Door scenarios
Full Width Hinge Reinforcement (FWHR) / Top Hinge
Face Welded Assembly (FW)



Details Shown are for reference only and may not reflect actual gasketing material.

DOOR INCLUDES

Type A

Base Series corresponding with STC Rating Range
16 or 18 Gauge CRS or Galvannealed Material
Standard Cylindrical Lock Prep and 4-1/2" Hinges
Mortised Door Bottom Prep to Accept Sweep (MDB)
Steel Top Cap (Screw Applied) (STS)
Special Undercut to Accommodate Gasketing and Threshold

**Pair Door Units will ship with additional Head Strips, Jamb Strips, and foam for inactive door edge.*

Type A Gaskets

Priced and Ship with Door
Head Strips (x2)
Jamb Strips (x2 Each Jamb)
Foam Bottom Corner Pad (X1 Each Jamb)
Door Shoe Sweep
Threshold

Type B

Base Series corresponding with STC Rating Range
16 Gauge CRS or Galvannealed Material
Standard Cylindrical Lock Prep and 4-1/2" Hinges
Surface Applied Automatic Door Bottom Reinforcement (SBD)
Steel Top AND Bottom Cap (Screw Applied) (STBS)
Special Undercut to Accommodate Gasketing and Threshold

**Pair Door Units will ship with additional Jamb Applied Stops and Removable Box Mullion.*

Type B Gaskets

Priced and Ship with Door
Head Applied Stop with Seal (x1)
Jamb Applied Stop with Seal (x1 Each Jamb)
Surface Applied Auto Door Bottom
Threshold

NOTES:

Frames will not be labeled. Only the Doors will bear the STC Label.

All Gasketing Materials, applied stops and thresholds will ship with the Door Component not the Frame.

BLAST RESISTANT CONSTRUCTION

BLAST FRAME UNITS (SBR SERIES - Static Blast Resistant)

Prices Shown are for the Frame Only and do not include Approved Hardware Sets.

FRAME

FRAME PRICE INCLUDES:

- 2" Face 3 Sided Frame
- 16 Ga Galv Construction
- Blast Label (on Door)
- Standard Strike

SBR / Blast		16 Ga Galv Single			16 Ga Galv Pair			
Standard Sizes		4"	6 3/4"	8 3/4"		4"	6 3/4"	8 3/4"
Width	Height	5 3/4", 6"			Width	5 3/4", 6"		
2-4	7-0	\$485	\$507	\$546	4-0	\$610	\$633	\$677
3-0		\$485	\$507	\$546	6-0	\$610	\$633	\$677
4-0		\$492	\$516	\$555	8-0	\$630	\$654	\$699
2-4	8-0	\$572	\$599	\$647	4-0	\$702	\$730	\$774
3-0		\$572	\$599	\$647	6-0	\$702	\$730	\$774
4-0		\$580	\$609	\$656	8-0	\$722	\$752	\$795

4"- 5-3/4" Jamb Depth Frames must be fully grouted at install.

4	Gage	Add
14	Ga Galv	Single \$112
		Pair \$123

APPROVED ANCHORS

- 2" Expansion Bolt Hat Anchor w/ Bolts
- Loose T and Wire Masonry Anchors, or Welded in EOPP, and Yoke & Strap

OPTION / ADDERS

9 Jamb Depth Variations		Add
SPD	Non Standard up to 8-3/4" Depth	N/C
SPD	Non Standard Over 8-3/4" to 12"	
	Width to 4-0	\$125
	Width Over 4-0	\$152
10/11 Size Variations		Add
SW	Special Width Thru 8-0x8-0 *	N/C
SH	Special Height Thru 8-0x8-0 *	N/C
* Price Next Larger Size		

14 Additional Strike		Add
478/234	Standard Strike (any Location)	\$45
SASR	Surface Applied Strike Reinforce	\$17
16 Special Face		Add
2H2J	2" Face Head & 2" Face Jamb	N/C
4H2J	4" Face Head	Single \$44
		Pair \$65
17 Label Type		Add
L	Label Required	Single \$19
	SEE TECH DATA FOR REQUIREMENTS	Pair \$38

See Page 16 for Specific Label Notation.

18 Welding Options		To 8-3/4"	Over 8-3/4"
FW	Setup and Face Weld	\$79	\$101
CW	Continuous Throat Weld	\$136	\$183

NOTE: Smaller Qty Weleded Units may require additional crating charges.

~T = Template Req'd N/C = No Charge NA = Not Applicable CF = Contact Factory 🖐️ = Hand Req'd

19 Anchor Options (Welded In / Prep)		Add
EO	EXISTING OPENING ANCHOR	
	Pipe & Plate (EOPP) to 8-3/4" JD	(Each) \$30.00
MAS	MASONRY WALL ANCHOR	
	Yoke and Strap (Y&S)	(Each) \$8.00

BOLTS NOT INCLUDED WITH ANCHORS

20-21 Hinge Preparation		Add
450(HW)	4-1/2" Std or Heavy Weight	N/C
500(HW)	5" Std or Heavy Weight (Per Hinge)	\$6
	Each Additional Hinge (Per Hinge)	\$17

23 Closer Type		Add
REG- or PAC-	Surface Closer Reinforce	Single \$14
	(\$13 Per Closer Reinf)	Pair \$28
CLSL	Closer Sleeve Reinforce	Single \$50
	(12" By Full Depth)	Pair \$100

24 Bolt Type		Add
FBKO	Standard Flush Bolt Knock Out	N/C
FBM	Mortised Flush Bolt Strike	(Each) \$42
CVRS()	CVR Mortise Strike Head	(Each) \$42

BLAST RESISTANT CONSTRUCTION

BLAST DOOR UNITS (SBR SERIES - Static Blast Resistant)

Prices Shown are for the Door Only and do not include Hardware.

DOOR

SBR / Blast		16 Ga Galv	14 Ga Galv
Standard Sizes		16G	14G
Width	Height	GALV	GALV
3-0	7-0	\$1,589	\$1,870
3-6		\$1,733	\$2,014
4-0		\$1,870	\$2,150
3-0	8-0	\$1,834	\$2,151
3-6		\$1,976	\$2,292
4-0		\$2,114	\$2,430

DOOR PRICE INCLUDES:

- 14 or 16 Ga Galvannealed Steel Door
- Tack Welded Edges
- 12 Ga Top & Bottom Caps
- One Coat Baked Prime Paint
- Beveled Edge Construction
- Blast Label on Door

HARDWARE CONSIDERATIONS

Blast Units were tested and evaluated with:

CVR x CVR, RP x RP, CYL & DL x INA, MST x INA

HARDWARE MUST BE APPROVED IMPACT RESISTANT.

OPTION / ADDERS

3	Door Series (Construction)	ListAdd
SBRF	Seamless Edge / Tack & Fill	\$90
8	Astragals - Add to Strike & Bolt Prep	ListAdd
<i>Z Astragal</i>		
ZS	Z Astragal (Screw Applied)	\$115
ZW	Z Astragal (Welded)	\$170

Note: Astragal Price does not include Strike or FB Price.

10/11	Non-Standard Sizes	
Price Next Larger Size Door and Add the following:		
SW	Special Width Up to 4'0"**	\$34
SH	Special Height Up to 8'0"**	\$34

12	Primary Lock - Device Types - Strikes	
<i>Cylindrical Locks</i>		
T	Cylindrical -Turtle	<i>NC</i>
L	Cylindrical Lock w/ Thru Bolt ~ ^T	\$34
MST	Mortised - Sectional Trim ~ ^T	\$55

Single Point Locks must be paired with Deadlock.

<i>Exit Device - Preparation</i>		
RPP	Rim Exit Device w/ Prep ~ ^T	\$79
CVR	Concealed Vertical Rod Prep ~ ^T	\$437
<i>Primary Strike Preparations</i>		
478	4-7/8" Lipped Strike	\$32

13/22	Hardware Location	Other than S Series & Pioneer
<i>Non-Standard Hinge or Lock Location</i>		\$34

14	Secondary Locks & Strikes	ListAdd
<i>DeadLock</i>		
CDL	Cylindrical Dead Lock >= 48"CL AFF	\$55
234	2-3/4" Lipped Strike	\$32

17	Fire Label Variations	
L	Label Needed	\$32
N	No Label Needed	<i>NC</i>
<i>Metal Label Designation</i>		\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.

20-21	Hinges	
450(HW)	4-1/2" Std Wt or Hvy Wt @ Std Location	<i>NC</i>
500(HW)	5" Standard Wt Hinges (Per Hinge)	\$7
<i>Hg Qty</i>	Each Additional Hinge (Per Hinge)	\$17

23	Closer / Holder Type	
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39

24	Bolt Type (Flush Bolt)	
FB	Flush Bolt Preparation (ANSI 115.4)	\$74

~^T = Template Req'd *NC* = No Charge *NA* = Not Applicable *CF* = Contact Factory 🖐️ = Hand Req'd

BULLET RESISTANT CONSTRUCTION

LEVEL I, II, or III

BULLET FRAME UNITS (BR752 SERIES)

Prices Shown are for the Frame Only and do not include Approved Hardware Sets.

FRAME

BR752 FRAMES		12 Ga Galv		
Standard Sizes		4"	6 3/4"	8 3/4"
Width	Height	5 3/4", 6"		
2-0, 2-4	6-8	\$690	\$756	\$906
2-6, 2-8, 2-10, 3-0		\$699	\$762	\$915
4-0 (P)		\$720	\$788	\$935
4-8, 5-0, 5-4, 5-8, 6-0		\$782	\$848	\$1,001
2-0, 2-4	7-0	\$694	\$760	\$910
2-6, 2-8, 2-10, 3-0		\$702	\$766	\$918
4-0 (P)		\$725	\$792	\$940
4-8, 5-0, 5-4, 5-8, 6-0		\$786	\$852	\$1,006

(S)ingle, (P)air

Bullet Resistant Frames available to 30x70 Single / 60x70 Pair

For other sizes (available as construction only, NO LABEL) contact factory for pricing.

FRAME PRICE INCLUDES:

- 2" Face 3 Sided Frame
- 12 Ga Galv Construction
- BR752 Label (on Door)
- Standard Strike

APPROVED ANCHORS

- 2" Expansion Bolt Hat Anchor w/ Bolts
- Loose T and Wire Masonry Anchors, or Welded in EOPP, and Yoke & Strap

HARDWARE MUST BE BULLET RESISTANT.

(Supplied by Others)

OPTION / ADDERS

9 Jamb Depth Variations			Add
SPD	Non Standard up to 8-3/4" Depth		N/C
SPD	Non Standard Over 8-3/4" to 12" †	Width to 4-0	\$125
		Width Over 4-0	\$152
10/11 Size Variations			Add
SW	Special Width Thru 8-0x8-0 *		N/C
SH	Special Height Thru 8-0x8-0 *		N/C
* Price Next Larger Size			
† -Construction Label Only			
14 Additional Strike			Add
478/234	Standard Strike (any Location)		\$45
SASR	Surface Applied Strike Reinforce		\$17
16 Special Face			Add
2H2J	2" Face Head & 2" Face Jamb		N/C
4H2J	4" Face Head	Single	\$44
		Pair	\$65
17 Label Type			Add
L	Label Required	Single	\$19
	SEE TECH DATA FOR REQUIREMENTS	Pair	\$38

See Page 16 for Specific Label Notation.

18 Welding Options		To 8-3/4"	Over 8-3/4"
FW	Setup and Face Weld	\$79	\$101
CW	Continuous Throat Weld	\$136	\$183

NOTE: Smaller Qty Weleded Units may require additional crating charges.

~† = Template Req'd

N/C = No Charge

NA = Not Applicable

CF = Contact Factory

☞ =Hand Req'd

19 Anchor Options (Welded In / Prep)			Add
EO	EXISTING OPENING ANCHOR		
	Pipe & Plate (EOPP) to 8-3/4" JD	(Each)	\$30.00
MAS	MASONRY WALL ANCHOR		
	Yoke and Strap (Y&S)	(Each)	\$8.00

BOLTS NOT INCLUDED WITH ANCHORS

20-21 Hinge Preparation			Add
450(HW)	4-1/2" Std or Heavy Weight		N/C
500(HW)	5" Std or Heavy Weight (Per Hinge)		\$6
	Each Additional Hinge (Per Hinge)		\$17

23 Closer Type			Add
REG- or PAC-	Surface Closer Reinforce (\$13 Per Closer Reinf)	Single	\$14
		Pair	\$28
CLSL	Closer Sleeve Reinforce (12" By Full Depth)	Single	\$50
		Pair	\$100

24 Bolt Type			Add
FBKO	Standard Flush Bolt Knock Out		N/C
FBM	Mortised Flush Bolt Strike	(Each)	\$42
CVRS()	CVR Mortise Strike Head	(Each)	\$42

BULLET RESISTANT CONSTRUCTION

BULLET DOOR UNITS (BR752 SERIES)

LEVEL I, II, or III

Prices Shown are for the Door Only and do not include Hardware.

DOOR

BR752 DOORS		12 Ga Galv
Standard Sizes		12G
Width	Height	GALV
2-0, 2-4	6-8	\$3,428
2-6, 2-8,		\$3,465
2-10, 3-0		\$3,512
2-0, 2-4	7-0	\$3,448
2-6, 2-8,		\$3,506
2-10, 3-0		\$3,552

DOOR PRICE INCLUDES:

- 12Ga Galvannealed Steel Door
- Tack Welded Edges
- 12 Ga Top & Bottom Caps
- One Coat Baked Prime Paint
- Beveled Edge Construction
- BR752 Label (on Door)

HARDWARE CONSIDERATIONS

HARDWARE MUST BE BULLET RESISTANT.

(Supplied by Others)

ELEVATION and KIT CONSIDERATIONS

Contact Factory for price for Bullet Resistant Doors with Lite Kits.

Door can be provided as Box-Out only when kit is not provided with shipment.

Kit and glass must be ordered at same bullet resistant level as ordered. (Size limitations based on sourced kit/glass vendor)

Bullet Resistant Doors available to 30x70 Single / 60x70 Pair

For other sizes (available as construction only, NO LABEL) contact factory for pricing.

OPTION / ADDERS

8	Astragals - Add to Strike & Bolt Prep	ListAdd
<i>Z Astragal</i>		
FS	Flat Astragal (Screw Applied)	\$112
FW	Flat Astragal (Welded)	\$166

Note: Astragal Price does not include Strike or FB Price.

10/11	Non-Standard Sizes	
Price Next Larger Size Door and Add the following:		
SW	Special Width Up to 4'0"**	\$34
SH	Special Height Up to 7'0"**	\$34

12	Primary Lock - Device Types - Strikes	
<i>Cylindrical Locks</i>		
T	Cylindrical -Turtle	NC
L	Cylindrical Lock w/ Thru Bolt ~T	\$34

Single Point Locks must be paired with Deadlock.

<i>Exit Device - Preparation</i>		
RPP	Rim Exit Device w/ Prep ~T	\$79
CVR	Concealed Vertical Rod Prep ~T	\$437
<i>Primary Strike Preparations</i>		
478	4-7/8" Lipped Strike	\$32

13/22	Hardware Location	Other than S Series & Pioneer
Non-Standard Hinge or Lock Location		\$34

14	Secondary Locks & Strikes	ListAdd
<i>DeadLock</i>		
CDL	Cylindrical Dead Lock >= 48"CL AFF	\$55
234	2-3/4" Lipped Strike	\$32

17	Fire Label Variations	
L	Label Needed	\$32
N	No Label Needed	NC
<i>Metal Label Designation</i>		\$75

Please Note Specific Label Needs (Agency/Rating/Material) when applicable.

See C Series 12 Ga for Label Criteria

20-21	Hinges	
450(HW)	4-1/2" Std Wt or Hvy Wt @ Std Location	NC
500(HW)	5" Standard Wt Hinges (Per Hinge)	\$7
Hg Qty	Each Additional Hinge (Per Hinge)	\$17

23	Closer / Holder Type	
PAC	Regular or Parallel Arm Closer	\$15
SOH	Surface Overhead Closer / Holder	\$39

24	Bolt Type (Flush Bolt)	
FB	Flush Bolt Preparation (ANSI 115.4)	\$74

