Discount Sheet

Customer __________________________   Date________________

Account __________________________

Discount __________________________   Factor __________________________

50 + Frames: Call for quote.

All pricing FOB Sacramento
SPECIFICATION 08120 – INTERIOR ALUMINUM FRAMES

PART 1 – GENERAL

1.1 Section Includes:
   A. Pre-finished interior aluminum door frames and window frames.

1.2 Related Sections:
   A. Section 08100 Steel Doors and Frames
   B. Section 08211 Flush Wood Doors
   C. Section 08410 Aluminum Entrances and Storefronts
   D. Section 08520 Aluminum Windows
   E. Section 08710 Door Hardware
   F. Section 08800 Glass and Glazing

1.3 SUBMITTALS:
   A. Product Data: Submit manufacturer’s detailed drawings as provided for under Section 01300, including fabrication and installation instructions.
   B. Shop Drawings: Submit complete detailed drawings of interior aluminum frames including:
      1. Standard installation and rough opening details for each application.
      2. Elevations and details of all frames.
      3. Details of all corners and joints.
      4. Locations of door hardware used on frames.
   C. Samples: Provide full range of aluminum color samples for architectural selection of finish. Supply two (2) samples of each aluminum frame, not less than 12” long, in the desired finish.

1.4 QUALITY ASSURANCE
   A. Frames shall be manufactured by a single firm regularly engaged in the production of interior aluminum door frames and window frames.
   B. Fire Rated Assemblies:
      1. At all locations where fire rated assemblies are required by the authority having jurisdiction, frames shall be certified as having been tested in accordance with an approved independent testing agency’s requirements and shall comply with all local governing authorities’ standards for fire protection.
      2. Provide labels permanently secured to all fire rated door frames indicating compliance with the testing authority’s requirements. Provide written supplemental instructions with aluminum frames complying with UBC 7.2 (1997 edition) for “positive pressure”.
1.5 DELIVERY, STORAGE AND HANDLING
A. Deliver frames in crates or cartons suitable for protection during transit to and storage at the jobsite.
B. Upon receipt, inspect frames for damage. Replace frames that cannot be repaired satisfactorily to the architect.
C. Store frames on site under cover above ground level to protect from moisture. Storage of frames should be as close to final installation as possible in secure location on site.

PART 2 - PRODUCTS

2.1 MANUFACTURER
A. Provide products as manufactured by:

“ABS – Architectural Components” (ABS - AC)
8401 Rovana Cir. Sacramento, CA. 95828

2.2 MATERIALS
A. Extrusion alloy of 6063-T5 with a minimum wall thickness of .063.

2.3 EXTRUDED ALUMINUM FRAMES
A. ABS - AC Series 334, 478, 514, 512 and 714. Fabricate frames for openings utilizing specified styles and profiles. Frames include snap-on casing to conceal all fasteners. Casings shall be mitred or square cut as directed by the architect. All doorframes include Santoprene® door seal.
1. Throat sizes include 3-3/4”, 4-7/8”, 5”, 5-1/4”, 5-1/2” and 7-1/4” for door and window frames.
2. ABS - AC “ADJ” frame is adjustable for wall thickness from 3-1/2” to 11-1/8”
3. ABS - AC casings include 1”, 1-1/2”, 2” and 4” lending to various frame profiles.
4. Window frames include “top load” glazing bead for 1/4”, 3/8” and 1/2” thick glass.

2.4 FABRICATION
A. Pre-fabricate all aluminum door frames including drilled and tapped hardware reinforcements including 4 ½ full mortise butt hinges, ASA (ANSI) strikes, Cylindrical “T” strikes, reversible flush bolt strikes and deadbolt strikes. Extended lip strikes are not required on wide stop frame profile. Special hardware reinforcements supplied upon request.
B. Supply style door seal and glazing beads as required.
C. Intumescent seals used on fire rated frames shall be concealed in an integral pocket of the jambs. Doors in frames over 3’-6” in width shall have a supplemental intumescent tape surface applied to the top of the door(s).
2.5 FINISHES
   A. Factory finish all extruded door frames and window frames as directed by the architect.
      2. Commercial Dark Bronze Anodize: AA-M10C22A24 (complies with AAMA Spec. 611)
      3. Class II Black Anodize: AA-M10C22A34 (complies with AAMA Spec. 611)
      4. Polyester Paint Finish: (complies with AAMA 603.8 baked enamel thermoset polyester finish - electrostatically applied) Call for quote.

PART 3 - EXECUTION

3.1 EXAMINATION
   A. Verify existing jobsite conditions. Check wall thickness and rough openings of assemblies prior to installation.

3.2 INSTALLATION
   A. Install frames in accordance with manufacturer’s printed instructions and detailed drawings.
   B. Install frames plumb and square securing door frame to the wall through the sides into drywall/stud or other wall construction as specified.
      1. Utilize corner alignment clips to assure correct frame connections.
      2. Install snap on casing to conceal all fasteners. No exposed fasteners are visible upon completion of installation.
   C. At all fire rated openings; install frames in compliance with NFPA 80 and manufacturer’s certified installation instructions.

3.3 ADJUST AND CLEAN
   A. Clean frame upon completion of installation using mild solution of soap and water or other non-toxic general cleaning solution. Frames should be wiped dry immediately after cleaning. Do not use abrasive cleaning agents or solvents deemed harmful to painted finishes.

3.4 PROTECTION
   A. Provide appropriate protection of pre-finished aluminum frames for duration of project.
ABS-AC ARCHITECTURAL COMPONENTS GENERAL TERMS & CONDITIONS

A. LIMITED WARRANTY

ABS - Architectural Components, a California Corporation (hereafter called “ABS - AC”) warrants to the original purchaser that its pre-finished interior aluminum door frames and window frames will be free from defects in material and workmanship for a period of two (2) years from the date of purchase.

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

1. Have been installed for interior application only.
2. Have been installed in accordance with ABS - AC recommended installation instructions.
3. Have been accorded treatment considered to be good practice in the building industry with regards to maintenance, handling and storage.
4. Have been subjected to normal, interior use.

This warranty does not apply to finish or accessories of any product not manufactured by or under the direct control of ABS - AC, nor any product that have been misused or abused.

Any and all implied warranties applicable hereto are limited to two (2) years from the date of purchase. All ABS - AC manufactured products or any other parts covered by this warranty that upon inspection by an authorized ABS - AC representative have been found to be defective will at the option of ABS - AC either repaired or replaced, or given a refund of the purchase price for defective frame or component part. Liability is strictly limited to repair, replacement or refund and specifically does not include labor, installation cost or indirect or consequential damages of any nature.

B. CREDIT

No credit will be extended by ABS - Architectural Components (hereafter called the Seller) unless the Buyer’s credit has been approved and is satisfactory at the time of shipment. The Seller reserves the right, at any time, to revoke credit extended to the Buyer because of Buyer’s failure to pay for goods when due or any other reason deemed sufficient by the Seller.

C. TERMS

Net thirty (30) days payable upon receipt of invoice (providing all credit requirements have been satisfied).

D. LATE PAYMENT

Unless expressly provided for by ABS - Architectural Components, (hereafter called the Seller) all payments are net thirty (30) days upon receipt of invoice. Seller may at any time require payment in advance or satisfactory security that invoices will be paid when due, if in Seller’s judgment the same becomes necessary. All orders are subject to credit approval and to acceptance by Seller. If payment is not paid when due, 1 1/2% per month interest will be charged thereon from the due date until paid in full.

E. BACK CHARGES, CLAIMS, DEFECTIVE MATERIALS

Back charges from the Buyer are not acceptable and will not be honored by ABS - AC (hereafter called the Seller). All claims must be submitted to the Seller within ten (10) days after receipt of shipment. The Seller shall have exclusive right to select final remedy for defective material which will be expressly limited to the repair, replacement or repayment of the original purchase price paid by the Buyer upon return of the material to the Seller.

F. DELAYS IN SHIPPING

ABS - Architectural Components (hereafter called ABS - AC) shall use its best effort to ship goods ordered by the Buyer on scheduled shipping dates. ABS - AC shall not be liable to Buyer for damages for late shipments nor shall the validity of this agreement be affected by Force Majeure meaning: acts of God, fire, war, civil unrest, strikes, shortages of material, casualties or any other conditions beyond the control of ABS - AC.

If the Buyer elects to delay shipment of goods beyond original shipping date, ABS - AC may invoice the Buyer on original shipping date and Buyer shall agree to pay as if goods were shipped on time. Buyer also agrees to pay reasonable storage charges in event of delayed shipping.

G. DESIGN RESPONSIBILITY

ABS - Architectural Components (hereafter called the Seller) retains the right to change or modify its products without prior notice. The product illustrations used in the Seller’s catalogs are for identification only and may not represent size or proportions by comparison. Buyer agrees to indemnify Seller and hold harmless against any loss resulting from infringement, litigation, patents or copyrights.
STANDARD WARRANTY

ABS - AC – Architectural Components, a California Corporation (hereafter called "ABS - AC") warrants to the original purchaser that its pre-finished interior aluminum doors, frames and window frames will be free from defects in material and workmanship for a period of two (2) years from the date of purchase.

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

- Have been installed for interior application only.
- Have been installed in accordance with ABS - AC recommended installation instructions.
- Have been accorded treatment considered to be good practice in the building industry with regards to maintenance, handling, and storage.
- Have been subjected to normal, interior use.

This warranty does not apply to finish or accessories of any product not manufactured by or under the direct control of ABS - AC, nor any product that has been mishandled or abused.

Any and all implied warranties applicable hereto are limited to two (2) year from the date of purchase. All ABS - AC manufactured products or any other parts covered by this warranty which upon inspection by an authorized ABS - AC representative have been found to be defective will at the option of ABS - AC, be repaired or replaced, or a given refund of the purchase price for defective frame or component part. Liability is strictly limited to repair, replacement, or refund, and specifically does not include labor, installation costs, or indirect or consequential damages of any nature.
### STANDARD HARDWARE LOCATIONS

**1-1/2 PAIR 4-1/2 BUTT HINGES FRAME**

- **A**: OPENING HEIGHT
- **B**: 35-1/4, 35-3/4, 36-1/4, 36-3/4, 37-1/4, 37-3/4
- **C**: 65-1/2, 66-1/2, 67-1/2, 68-1/2, 69-1/2, 70-1/2
- **X**:

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**ROUGH OPENING**

- **OPENING HEIGHT**: +3/4"
- **DOOR WIDTH**: + 1-1/2"

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**NOTES:**
1. ALL DIMENSIONS ARE IN INCHES.
2. ALL DIMENSIONS ARE MEASURED FROM TOP OF OPENING HEIGHT TO TOP OF HINGE

ABS-AC WILL ACCOMMODATE ANY HINGE OR STRIKE LAYOUT - ON REQUEST
### STANDARD HARDWARE LOCATIONS

#### 2 PAIR 4-1/2 BUTT HINGES FRAME

![Diagram of 2 Pair 4-1/2 Butt Hinges Frame]

#### ROUGH OPENING

![Diagram of Rough Opening]

### Dimensions Table

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**NOTES:**
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2. ALL DIMENSIONS ARE MEASURED FROM TOP OF OPENING HEIGHT TO TOP OF HINGE.

**ABS-AC WILL ACCOMMODATE ANY HINGE OR STRIKE LAYOUT - ON REQUEST**
DUTCH DOOR FRAME LOCATIONS 6/8 AND 7/0

6'6" Tall Dutch Door Frame Layout.

Layout based on a 42" shelf height (AFF).

7'0" Tall Dutch Door Frame Layout.

Layout based on a 42" shelf height (AFF).

NOTE: Dutch door frame strike CL is based on a shelf height of 42" AFF. All adjustment to strike CL.
**NOTE:** Dutch door frame strike CL is based on a shelf height of 42" AFF. All adjustment to strike CL.
ROUGH OPENING

**DOOR FRAME**

**DOOR FRAME / SIDELIGHT**

**BORROWED LIGHT**

Rough Opening Width = \( W + 1 \frac{1}{2}'' \)
Rough Opening Height = \( H + 3/4 \)

Rough Opening Width = \( W + M + SW + 1 \frac{1}{2} \)
Rough Opening Height @ Door = \( H + 3/4 \)
Rough Opening Height @ Side Lite = \( SH + 1 \frac{1}{2} \) OFF THE FLOOR
\( \frac{3}{4} \) ON THE FLOOR

M Size Varies (M=2" with 1" & 2" trim, M=1-1/2" with 1-1/2" trim)

**SWING**

LEFT HAND SWING
RIGHT HAND REVERSE

RIGHT HAND SWING
LEFT HAND REVERSE
20 MINUTE "POSITIVE PRESSURE" ALUMINUM FRAME
CONCEALED INTUMESCENT (UL 10C 2009: ANSI A155.1 / UL-63: UBC 7.2 COMPLIANT)

PRODUCT COVERED:
ABS 20 Minute Without Hose Stream Aluminum Door Frame (Knock-Down)

PRODUCT DESCRIPTION:
ABS 20 Minute Without Hose Stream Aluminum Door Frame (Knock-Down) for use in steel stud/wood stud drywall and masonry walls. Frame may be installed with a sidelite.

SIZE:

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<tr>
<td>Maximum Allowable Width</td>
<td>4’ - 0”</td>
<td>8’ - 0”</td>
<td>Max Size 6’-0”</td>
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<td>Maximum Wall Thickness</td>
<td>11.125”</td>
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</tr>
<tr>
<td>(Throat Opening)</td>
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HARDWARE:
All hardware and listed fire doors must be approved as certified by the manufacturer for each application. Varying hardware applications are dependant upon hardware manufacturer's fire labeling certification.

DOOR:
All doors must be approved and listed Fire Doors as certified by the manufacturer and comply with minimum 20 minute construction using one of the methods outlined herein and bear a 20 Minute "Positive Pressure" label. Varying door cutouts and applications are dependant upon door manufacturer's fire labeling certification.

ABS:

A. ABS CONCEALED INTUMESCENT IN JAMBS (FIGURE #1)
B. SURFACE MOUNTED INTUMESCENT TAPE (FIGURE #2)
C. INTUMESCENT IS BUILT INTO DOOR STILES AND TOP RAIL (FIGURE #3)

INTUMESCENT APPLICATIONS:

NOTES:
WHEN USING ABS CONCEALED FRAME INTUMESCENT, AN ADDITIONAL ADHESIVE INTUMESCENT STRIP MUST BE APPLIED TO TOP OF SINGLE DOORS WIDER THAN 3’ - 6” AND ALL PAIRS. NO ADDITIONAL INTUMESCENT IS REQUIRED FOR SINGLE DOORS UP TO 3’ - 6” WIDE. AN INTUMESCENT STRIP (EITHER SURFACE APPLIED OR MACHINED INTO ONE DOOR STILE) MUST ACCOMPANY ALL PAIRS. REFER TO MANUFACTURER’S DOOR LISTING FOR THE REQUIREMENTS ON MEETING EDGES OF PAIR DOORS. ALL SURFACE MOUNTED TAPE AND MACHINED INTO THE DOOR INTUMESCENT WILL BE SUPPLIED BY OTHER.

Sacramento
Phone: 866-566-2161
Fax: 888-454-2889

DOORMERICA Products
FIRE RATED FRAMES
Page 1
The ABS 20 Minute Aluminum Door Frame must be properly installed to comply with the rating.

1. Always check and make sure you have all parts needed before assembly into the wall.
2. Install frames plumb and square securing door frame to the wall through the sides into drywall/studs or other wall construction.
3. Take note of "Details" below for proper installation of frame components. If your trim appears to be the wrong length check frame.
4. Utilize corner alignment clips to assure correct frame connections. These will be removed once frame is fastened to wall.
5. Before installing all of the screws hold the trim up to the frame and make sure it looks right. DO NOT SNAP TRIM ON FRAME
6. Finish screwing the frame to wall 8” on center maximum placement. Place a screw 1” above and below hinges and locks.
7. Snap trim by rolling it on from the outside in. Tight fitting trim can be installed with a mallet. If the trim is loose give it a little twist.
8. Clean frame and trim using a mild non-abrasive cleaner.
90 MINUTE "POSITIVE PRESSURE" ALUMINUM FRAME
CONCEALED INTUMESCENT (ANSI A155.1 / UL-63 COMPLIANT)

PRODUCT COVERED:
ABS 90 Minute Aluminum Door Frame

PRODUCT DESCRIPTION:
90 Minute Rated Aluminum Door Frame (Knock-Down) for use in steel stud/wood stud drywall
and masonry walls.

SIZE:

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<th>Pairs</th>
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<td>6' - 0&quot;</td>
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<td>Maximum Allowable Height</td>
<td>9' - 0&quot;</td>
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<td>Minimum Wall Thickness</td>
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<td>5&quot;</td>
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<td>Maximum Wall Thickness (Throat Opening)</td>
<td>11.125&quot;</td>
<td>11.125&quot;</td>
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HARDWARE:
Any approved 90 minute hardware

DOOR:
All doors must be approved and listed Fire Doors as certified by the manufacturer and comply with minimum 90 minute
construction using one of the methods outlined herein and bear a 90 Minute "Positive Pressure" label. Approved for
Category A doors or with Category B doors utilizing Category G edgesealing systems.

SECTION DRAWING:

Sheetrock

Metal stud

16 ga. Steel

Hinge

Intumescent

Aluminum Frame

90 Minute Rated Door

NOTES:
REFER TO MANUFACTURER'S DOOR LISTING FOR THE REQUIREMENTS ON MEETING EDGES OF PAIR DOORS.
ALL SURFACE MOUNTED TAPE AND MACHINED INTO THE DOOR INTUMESCENT WILL BE SUPPLIED BY OTHERS.
The ABS 90 Minute Aluminum Door Frame must be properly installed to comply with the rating.

1. Always check and make sure you have all parts needed before assembly into the wall.
2. Install frames plumb and square securing door frame to the wall through the sides into drywall/studs or other wall construction. Take note of "Details" below for proper installation of frame components. If your trim appears to be the wrong length check frame.
3. Utilize corner alignment clips to assure correct frame connections. These will be removed once frame is fastened to wall.
4. Using #6 1-5/8" screws fasten the frame to wall. Screws should penetrate a minimum of 1/2" into stud.
5. Before installing all of the screws hold the trim up to the frame and make sure it looks right. DO NOT SNAP TRIM ON FRAME
6. Finish screwing the frame to wall 8" on center maximum placement. Place a screw 1" above and below hinges and locks.
7. Remove corner alignment clips.
8.) Snap trim by rolling it on from the outside in. Tight fitting trim can be installed with a mallet. If the trim is loose give it a little twist.
9.) Clean frame and trim using a mild non-abrasive cleaner.
45 MINUTE "BORROWED LIGHT" ALUMINUM FRAME
(CAN4 S106 / UL-9 COMPLIANT)

PRODUCT COVERED:
ABS 45 MIN FIRE WINDOW FRAME

PRODUCT DESCRIPTION:
45 Minute Rated Aluminum Fire Window Frame (Knock-Down) for use in steel stud/wood stud drywall and masonry walls. Maximum exposed glass area 3456 Sq. In. Listed Ceramic Glazing required.

SIZE:

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<td>Maximum Allowable Major Dimension</td>
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<tr>
<td>(Throat Opening)</td>
<td>3' - 0&quot;</td>
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Glazing:
Any listed Ceramic Glazing up to 3456 Sq. In. is certified.
45 MINUTE "BORROWED LIGHT" ALUMINUM FRAME
INSTALLATION INSTRUCTIONS

The ABS 45 Minute Aluminum Window Frame must be properly installed to be comply with the rating.

1.) Always check and make sure you have all parts needed before assembly into the wall.
2.) Install frames plumb and square securing door frame to the wall through the sides into drywall/studs or other wall construction.
   Take note of "Details" below for proper installation of frame components. If your trim appears to be the wrong length check frame.
3.) Utilize corner alignment clips to assure correct frame connections. These will be removed once frame is fastened to wall.
4.) Using #6 1-5/8" screws fasten the frame to wall. Screws should penetrate a minimum of 1/2" into stud.
5.) Before installing all of the screws hold the trim up to the frame and make sure it looks right. DO NOT SNAP TRIM ON FRAME
6.) Finish screwing the frame to wall 8" on center maximum placement. Place a screw 1" above and below hinges and locks.
7.) Remove corner alignment clips.
8.) Snap trim by rolling it on from the outside in. Tight fitting trim can be installed with a mallet. If the trim is loose give it a little twist.
9.) Clean frame and trim using a mild non-abrasive cleaner.

DETAIL A

"Corner" Clip (REMOVE BEFORE ADDING TRIM) (C30001)
8 screws each (#6 X 3/8" self drilling)
Table of Contents

DOOR FRAME HEADER ELEVATIONS: ................................................................. Page 2

DOOR FRAME HINGE JAMB ELEVATIONS: .................................................. Page 3

STRIKE JAMB & SL MULLION ELEVATIONS: ............................................. Page 4

SILL BASE ON DRYWALL PARTITION ELEVATIONS: ............................... Page 5

SILL BASE ON FLOOR W/RETAINER CLIP ELEVATIONS: .......................... Page 6

VERTICLE MULLION ELEVATIONS: ............................................................... Page 7

GLAZING RAIL ELEVATIONS: ................................................................. Page 8

VARIABLE WALL ELEVATIONS: ............................................................... Page 9

OTHER ELEVATIONS: .................................................................................... Page 10

NOTES:
Frame elevations shown are examples of our Door Frame and Glazing Components. There are many different wall width & trim options available. For submittal information see our website under downloads.

www.doormerica.com
3-3/4" WALL WITH 1" TRIM
STANDARD "WIDE" STOP

4-7/8" WALL WITH 1-1/2" TRIM
NARROW "E" STOP

7-1/4" WALL WITH 2" FLUSH TRIM
STANDARD "WIDE" STOP

Additional Details:
Available in Clear Anodize, Bronze Anodize and Black Anodize
Trim Options are 1", 1-1/2", 2" and 4"
Other wall sizes available

www.doormerica.com
Additional Details:
Available in Clear Anodize, Bronze Anodize and Black Anodize
Trim Options are 1", 1-1/2", 2" and 4"
Other wall sizes available

www.doormerica.com
3-3/4" WALL WITH 1-1/2" TRIM
(NO EXTENDED LIP STRIKE NEEDED
WITH WIDE STOP FLUSH TRIM)

5" WALL WITH 1" TRIM
NARROW "E" STOP

7-1/4" WALL WITH 2" FLUSH TRIM

Additional Details:
Available in Clear Anodize, Bronze Anodize and Black Anodize
Trim Options are 1", 1-1/2", 2" and 4"
Other wall sizes available

www.doormerica.com
Sacramento Phone: 866-566-2161
Fax: 888-454-2889

**Additional Details:**
Available in Clear Anodize, Bronze Anodize and Black Anodize
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Additional Details:
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Other wall sizes available

www.doormerica.com
DOOR FRAME AT STRIKE JAMB 1" TRIM

VERTICAL MULLION 2" TRIM

SILL BASE WITH RETAINER 1-1/2" TRIM
W/ 2PC SILL STARTER

STRIKE JAMB AT MULLION 1" TRIM

Additional Details:
Available in Clear Anodize, Bronze Anodize and Black Anodize
Trim Options are 1", 1-1/2", 2" and 4"
Other wall sizes available

www.doormerica.com
MOST TRIM OPTIONS AVAILABLE

90 MINUTE FRAME 1” TRIM
Wall sizes - 4-7/8” to 11-1/8”

CASED OPENING 1” TRIM
(Not available in all wall sizes)

CORNER PARTS 1” TRIM
MOST TRIM OPTIONS AVAILABLE

Additional Details:
Available in Clear Anodize, Bronze Anodize and Black Anodize
Trim Options are 1”, 1-1/2”, 2” and 4”
Other wall sizes available

www.doormerica.com
STANDARD INSTALLATION
NOTCHED JAMBS. HEAD RESTS ON TOP OF JAMBS.

(PULL HEAD & JAMB TIGHT TO CLIP)

(SWAGE T-CLIP)
USE STANDARD T-CLIP FOR FULL FACE TRIM

NOTE: USE OF OTHER CLIPS OR FAILING TO PROPERLY INSTALL FRAME COULD VOID WARRANTY
FRAME INSTALLATION DETAILS FOR STANDARD & FULL FACE TRIM

NOTE: USE OF OTHER CLIPS OR FAILING TO PROPERLY INSTALL FRAME COULD VOID WARRANTY
NOTE: USE OF OTHER CLIPS OR FALING TO PROPERLY INSTALL FRAME COULD VOID WARRANTY
VERTICAL MULLION @ SIDELITE/BORROWED LITE HEAD

GLAZING RAIL

QUIRK FLAT CLIP
(HOLD BACK TO CLEAR TRIM)

REGLET

NOTCH TRIM

SILL @ VERTICAL MULLION
STANDARD INSTALLATION

REGLET

GLAZING RAIL

SILL WITH REMOVABLE STOP

ABS-AC SILL STARTER OR STEEL STUD AND DRYWALL

USE STANDARD T-CLIP FOR FULL FACE TRIM

TRANSOM @ HINGE OR STRIKE JAMB

MULLION WITH REMOVABLE STOP

GLAZING RAIL

T-CLIP

SLIP-IN HEADER

DOOR JAMB

DOOR STOP (HATCH SECTION)

NOTE: USE OF OTHER CLIPS OR FAILING TO PROPERLY INSTALL FRAME COULD VOID WARRANTY
NOTE: USE OF OTHER CLIPS OR FAILING TO PROPERLY INSTALL FRAME COULD VOID WARRANTY
NOTE: USE OF OTHER CLIPS OR FAILING TO PROPERLY INSTALL FRAME COULD VOID WARRANTY
ALUMINUM POCKET FRAME
INSTALLATION INSTRUCTIONS

1. Remove packaging, head and parts from inside the pocket frame. You should have (1) bumper jamb leg, trim and door hardware bag.

2. Check to make sure all parts are present and in good condition.

3. Install head to frame using 1-1/2" screws provided through pre-drilled holes. (Figure A)

4. Prepare rough opening. Make sure rough opening is square and pocket frame fits securely without warping or moving out of plumb. Attach frame and head to studs. Make certain door clearance with subfloor is adequate for intended finished floor.

5. Install drywall or facing material. When possible use a finished edge against aluminum trim for a tight fit.

6. Using provided instructions and hardware install your door into the pocket frame. Start with height adjustment set in the lowest position.

7. Attach aluminum bumper jamb to stud. Make sure it is plumb. Slight adjustments can be made with header trim by removing screws re-positioning and then re-tightening. If needed, add provided corner clips to help secure the corners. (Figure B)

8. Slide door out and make sure everything is fitting properly. Check that all aluminum trim parts line up. Slight adjustments may be needed. (Figure C)

9. Apply finished trim. Start with the inside 1" door trim. It is best to roll the trim onto the frame. Top first then jamb legs. Next apply trim to outside of the frame/wall trim will be snug, a light weight mallet may be needed to secure trim to frame. Do not beat on the trim or frame with a hammer as this may damage the trim and frame. (Figure D)

Rough Opening= door width x 2 + 2" / door height + 2-7/8"
The Process

There are seven main phases of finishing our aluminum extrusions.
1. Chemical cleaning in a heated alkaline detergent bath.
2. Rinse.
3. Caustic etch bath to remove the thin film of surface aluminum and to provide a matte finish.
4. Rinse, followed by a de-smut rinse to remove any surface contaminants.
5. Anodizing: electrolytic chemical process in which an electric current is passed through a sulfuric acid solution to create a uniform aluminum oxide coating on the aluminum substrate surface.
6. For colors ranging from bronze to black, tin metal is electrolytically deposited at the base of the newly created aluminum oxide coating. Inorganic absorptive dyes are similarly introduced at this stage.
7. Sealing: The porous aluminum oxide coating is sealed to create a very hard surface impervious to corrosion or staining.

Maintenance

Anodized and painted frames can be cleaned with a mild detergent in warm water solution using a soft, lint-free cloth and wiped dry. No abrasives or harsh cleaning agents should be used.

All ABS Architectural Components finished products meet or exceed Aluminum Manufacturer's association (AAMA) standards for anodized and painted finishes.
ABS-AC DOOR SEAL FEATURES:

1) DESIGNED FOR PUSH-IN AND SLIP-IN APPLICATION TO MEET YOUR NEEDS.
2) CONCEALED INTUMESCENT (ABS-AC FIRE RATED FRAMES) (PART # C30070)
3) CUT AND PRE-INSTALLED FROM THE PLANT.
4) AVAILABLE IN BLACK OR GRAY
GENERAL NOTES:

1) EACH APPLICATION REQUIRES GLAZING BEAD.

C30030 - BLACK
C30031 - GREY
C30032 - WHITE
INSTALLATION CLIPS

C30001
(CORNER CLIP)

C30002
("T" CLIP)

C30003
(SWAGE "T" CLIP)

C30005
(SILL CLIP)

C30007
(QUIRK CLIP)

C30008
(REVERSIBLE FLUSH BOLT)
STANDARD REINFORCEMENTS

C30009
(5" HINGE REINF.)

C30010
(4-1/2" HINGE REINF.)

C30011
(DEADBOLT\T-STRIKE\FLUSHBOLT REINF.)

C30012
(ASA STRIKE REINF.)

C30017
(REG. ARM CLOSER REINF.)
C30013
(5" HINGE REINF.)
FLUSH FRAME

C30014
(4-1/2" HINGE REINF.)
FLUSH FRAME

C30015
(DEADBOLT\T-STRIKE\FLUSHBOLT REINF.)
FLUSH FRAME

C30016
(ASA STRIKE REINF.)
FLUSH FRAME
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<td>Height (in)</td>
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- **MARK FRAMES BY NUMBER / SPECIAL PACKAGING**
- **FRAME DATA:**

**MARK FRAMES BY NUMBER / SPECIAL PACKAGING**

**FRAME DATA:**

- **QTY**
- **MARK NUMBER**
- **SWING**
- **DIMENSIONS**
  - Width (in)
  - Height (in)
- **CLOSER**
- **LABEL**
  - Reg.
  - Par.
  - 20
  - 50

**FRAME DATA:**

- **SALES ORDER AND FIELD MEASUREMENT**

**SALES ORDER AND FIELD MEASUREMENT**

**COMPANY NAME:**

**JOB NAME:**

**ABS-AC FORM**

- **P.O. NUMBER:**
- **ABS-AC P1**

**DOORMERICA Products**

**ABS - Architectural Components**

Toll Free Number: (866) 566-2161
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- **HEIGHT (IN)**: [ ]
- **REG**: [ ]
- **PAIR**: [ ]
- **20**: [ ]
- **90**: [ ]

- **MITER TRIM**: [ ]
- **NOTCH JAMS** (Header rest on top of jams): [ ]
- **SQUARE CUT TRIM**: [ ]
- **NOTCH HEADS** (Header cut net between jams): [ ]

### MARK FRAMES BY NUMBER \\ SPECIAL PACKAGING

- [ ]
- [ ]
- [ ]

### FLOOR LINE

- [ ]
- [ ]
- [ ]
- [ ]
- [ ]
- [ ]
- [ ]
- [ ]

### OPENING SIZE: ___ X ___

- **SCRIBE**: [ ]
- **HINGE**: [ ]
- **FLUSHBOLT**: [ ]

### TRIM:

- [ ] 1" STANDARD
- [ ] 2" TRIM
- [ ] 1-1/2" FULL FACE
- [ ] OTHER

### FRAME FINISH:

- [ ] CLR
- [ ] BLK
- [ ] DK BRZ
- [ ] PTD
- [ ] OTHER

### DOOR FRAME SEAL:

- [ ] GRY
- [ ] BLK

### SCRIBE:

- [ ] YES
- [ ] 1"
- [ ] 2"

### INTUMESCENT IN JAMBS (CONCEALED):

- [ ] YES
- [ ] NO

### ABS-AC - "E" FRAME

- [ ]

### SALES ORDER AND FIELD MEASUREMENT

- **COMPANY NAME**: [ ]
- **JOB NAME**: [ ]

---

ABS - Architectural Components

Toll Free Number: (866) 566-2161

ABS-AC P2
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<td>HEIGHT</td>
<td>REG.</td>
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- **MITER TRIM**
- **NOTCH JAMBS** (HEADER REST ON TOP OF JAMBS)
- **SQUARE CUT TRIM**
- **NOTCH HEADS** (HEADER CUT NET BETWEEN JAMBS)

### Trim Options:
- **YES**
- **NO**
- **OTHER**

### Trim Types:
- 1" STANDARD
- 2" TRIM
- 1-1/2" FULL FACE
- OTHER

### Frame Finish Options:
- CLR
- BLK
- DK BRZ
- PTD
- OTHER

### Door Frame Seal:
- GRY
- BLK

### Scribe Options:
- YES
- NO

### Scribe Sizes:
- 1"
- 2"
- 1-1/2"

### Intumescent in Jamb Options:
- YES
- NO

### Sales Order and Field Measurement

**ABS-AC - STD. FRAME**

**ABS-AC - STD. FRAME**

**ABS-AC P5**

**ABS - Architectural Components**
Toll Free Number: (866) 566-2161

**DOORMERICA Products**
ABS-AC FORM

COMPANY NAME :

P.O. NUMBER :

PAGE OF

FLOOR LINE

MARK FRAMES BY NUMBER / SPECIAL PACKAGING

MARK FRAMES

NUMBER

WIDTH (IN)

HEIGHT (IN)

REG.

PAR.

20

90

TO TOP OF HINGE

FLOOR LINE

SCRIBE

OPENING SIZE: X

HINGE: X (*)

STRIKE:

TRIM:

FRAME FINISH:

DOOR FRAME SEAL:

SCRIBE:

INTUMESCENT IN JAMBS (CONCEALED):

SALES ORDER AND FIELD MEASUREMENT

ABS - Architectural Components

Toll Free Number: (866) 566-2161

ABS-AC - ADJUSTABLE FRAME

ABS-AC FORM

0

ABS-AC P6

PAGE OF
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**BORROWED LITE (FULL-BOUND) CUSTOM WINDOW**

- [ ] MITER TRIM
- [ ] NOTCH JAMBS (HEADER REST ON TOP OF JAMBS)
- [ ] SQUARE CUT TRIM
- [ ] NOTCH HEADS (HEADER CUT NET BETWEEN JAMBS)

ROUGH OPENING SIZE: __________ X __________

(INCLUDE ALL DIMENSIONS ON DETAILS)

**MARK FRAMES BY NUMBER \ SPECIAL PACKAGING**

- [ ] OTHER
- [ ] 2" TRIM

**FRAME DATA:**

- [ ] 1" STANDARD
- [ ] 1-1/2" FULL FACE
- [ ] OTHER ______

**FRAME FINISH:**

- [ ] CLR
- [ ] BLK
- [ ] DK BRZ
- [ ] PTD
- [ ] OTHER ______

**GLASS THICKNESS:**

- [ ] 1/4"
- [ ] 1/2"
- [ ] 3/8"

**GLAZING BEAD COLOR:**

- [ ] GRY
- [ ] BLK

**INSTALLATION:**

- [ ] CLIPS
- [ ] SCREWRACE

**SALES ORDER AND FIELD MEASUREMENT**

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ABS - Architectural Components
Toll Free Number: (866) 566-2161

ABS-AC FORM P.O. NUMBER: ABS-AC P9 PAGE OF
MARK FRAMES BY NUMBER \ SPECIAL PACKAGING

ABS - ADJUSTABLE "E" FRAME

SALES ORDER AND FIELD MEASUREMENT

COMPANY NAME : 

JOB NAME : 

TOLL FREE NUMBER: (866) 566-2161

ABS - Architectural Components

ABS-AC FORM P.O. NUMBER :

ABS-AC P10 PAGE OF