Due to the diversity in state/provincial, local, and federal laws and codes that govern the design and application of architectural products, it is the responsibility of the individual architect, owner, and installer to ensure that products selected for use on projects comply with all applicable building codes and laws. U.S. Aluminum exercises no control over the use or application of its products, glazing materials, and operating hardware, and assumes no responsibility thereof.

The rapidly changing technology within the architectural aluminum products industry demands that U.S. Aluminum reserve the right to revise, discontinue or change any product line, specification or electronic media without prior written notice.

NOTE: Dimensions in parentheses ( ) are millimeters unless otherwise noted.

Other metric units shown in this publication are:
- m - meter
- Kg - kilogram
- Pa - pascal
- KPa - kilopascal
- MPa - megapascal
CURTAIN WALLS

Specifications

SECTION 08 44 13 ALUMINUM CURTAIN WALL SYSTEMS

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<th>OVERALL DEPTH</th>
<th>GLAZING INFILL</th>
<th>GLAZING METHOD</th>
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<td>5-1/4” (133.4)</td>
<td>1/4” (6)</td>
<td>Exterior</td>
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<td>5” (127)</td>
<td>6-1/4” (158.8)</td>
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<td>8” (203.2)</td>
<td>9-1/4” (235)</td>
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<td>6” (152.4)</td>
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<td>5” (127)</td>
<td>7” (177.8)</td>
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<td></td>
<td></td>
<td>8” (203.2)</td>
<td>10” (254)</td>
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</tr>
</tbody>
</table>

I. GENERAL DESCRIPTION

Work Included: Furnish all necessary materials, labor, and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein. (Specifier Note: It is suggested that related items such as aluminum entrance doors, glass, and sealants be included whenever possible.)

Work Not Included: Structural support of the framing system, interior closures, trim. (Specifier list other exclusions.)

Related Work Specified Elsewhere: (Specifier list).

QUALITY ASSURANCE

Drawings and specifications are based on the Series 3150 Curtain Wall System as manufactured by U.S. Aluminum. Whenever substitute products are to be considered, supporting technical literature, samples, drawings, and performance data must be submitted 10 days prior to bid in order to make a valid comparison of the products involved. Test reports certified by an independent test laboratory must be made available upon request.

PERFORMANCE REQUIREMENTS

Air Infiltration: shall be tested in accordance with ASTM E 283. Infiltration shall not exceed 0.06 CFM per square foot (.0003m3/sm2) fixed area when tested at 6.24 psf (300 Pa).

Water Infiltration: shall be tested in accordance with ASTM E 331. No water penetration at test pressure of 15 psf (718 Pa).

Structural Performance: shall be tested in accordance with ASTM E 330 and based on:

• Maximum deflection of L/175 of the span

II. PRODUCTS MATERIALS

Extrusions shall be 6063-T5 alloy and temper (ASTM B221 alloy T5 temper). Fasteners, where exposed, shall be aluminum, stainless steel or zinc plated steel in accordance with ASTM A 164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from the aluminum. System shall provide conventional glass support at horizontal and perimeter members and structural silicone support at intermediate verticals. Horizontal members and jambs configurations shall allow for pockets to receive E.P.D.M. elastomeric extruded glazing gaskets. Interior vertical glass spacers shall be extruded silicone compatible E.P.D.M. All materials that come in contact with the silicone should be tested for compatibility. Samples of aluminum vertical Mullions should be submitted to the silicone manufacturer for adhesion evaluation.

FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given a caustic etch followed by an anodic oxide treatment to obtain...

(Specify one of the following):

_____#11 Clear anodic coating
_____#22 Dark Bronze anodic coating
_____#33 Black anodic coating
A Fluoropolymer paint coating

A cover shall be Snap over pressure plate to show only a sharp uninterrupted exterior profile.

FABRICATION

System shall provide conventional glass support at horizontal and perimeter members and structural silicone support at intermediate verticals. Horizontal members and jambs shall have extruded pressure plates with flexible (PVC) thermal break material. Provisions shall be made at all sealed horizontals to weep moisture accumulations to the exterior. A cover shall be snapped over pressure plate to show only a sharp uninterrupted exterior profile.

System shall accommodate 1/4” (6) or 1” (25) glazing infills and provide for transition from 1” (25) to 1/4” (6) with glass remaining in same exterior plane. Framing system shall provide a flush glazing appearance with no intermediate verticals visible from the outside.
Specifications

SECTION 08 44 13 ALUMINUM CURTAIN WALL SYSTEMS

Horizontal and jamb framing members shall have a nominal width of 2-1/2” (63.5). Overall depth of system shall be (Specify). System shall provide for two piece horizontal framing so that all fasteners at intersection of horizontal and vertical members will be concealed. There shall be no exposed fasteners at perimeter sections.

III. EXECUTION INSTALLATION
All glass framing shall be set in correct locations as shown in the details; and shall be level, square, plumb, and in alignment with other work in accordance with the manufacturer’s installation instructions and approved shop drawings. Glass shall be set from outside. Structural silicone shall be applied from inside and silicone weatherseal from outside (after structural silicone has fully cured). Reusable twist-in temporary glass retainers shall be used during structural curing period. Structural silicone must be applied in strict accordance with the silicone manufacturer’s instruction for surface preparation, priming, application and curing time. All joints between framing and the building structure shall be sealed in order to secure a watertight installation.

PROTECTION AND CLEANING
After installation the General Contractor shall adequately protect exposed portions of aluminum surfaces from damage by grinding and polishing compounds, plaster, lime, acid, cement, or other contaminants. The General Contractor shall be responsible for final cleaning.

Project: 205 Executive Park, Charlotte, N.C.

Online usalum.com By Phone (800) 262-5151 Ext. 5305
Online crlaurence.com By Phone (800) 421-6144 Ext. 5305
Series 3150 Curtain Wall combines the horizontal members of Series 3250 Curtain Wall with Structural Silicone Glazed Vertical Mullions. Narrow 3/8" (9.5) wide silicone joints and vertical mullions hidden behind the glass create the appearance of a glass wall with horizontal feature strips.

**SERIES 3150**
Structural Silicone Vertical Glazed Curtain Wall

<table>
<thead>
<tr>
<th>SERIES</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>GLAZING INFILL</th>
<th>APPLICATIONS</th>
</tr>
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<tr>
<td>3150</td>
<td>2-1/2&quot; (63.5)</td>
<td>5-1/4&quot; (133.4)</td>
<td>1/4&quot; (6)</td>
<td>Low-Rise to Mid-Rise Buildings Where Total Glass Appearance is Required.</td>
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<tr>
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<td>2-1/2&quot; (63.5)</td>
<td>6&quot; (152.4)</td>
<td>1&quot; (25) and/or 1/4&quot; (6)</td>
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<tr>
<td></td>
<td>2-1/2&quot; (63.5)</td>
<td>7&quot; (177.8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2-1/2&quot; (63.5)</td>
<td>10&quot; (254)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For custom size and profile extrusions please visit usalum.com.

**GLASS SIZES**

| For Glass Height | = Daylight Opening + 1" (25.4) |
| For Glass Width  | = Daylight Opening + Glass Bites (see details) |

* These formulae do not take into account glass tolerances. Consult glass manufacturer before ordering glass.
Special Features

Install Injection Molded Closure Plates at top and bottom of verticals to ensure a continuous perimeter seal.

Slide top and bottom "T" Anchors into vertical members. Install verticals plumb and level. Secure top and bottom "T" Anchors to structure.

NOTE: To accelerate installation times with pinpoint accuracy of Horizontal Shear Blocks to Curtain Wall Mullions see pages 56-P1 and 57-P1.

Injected Molded End Dams are for controlling any infiltrated water. Apply sealant to three contact sides of End Dams and slide between vertical and horizontal joints as shown.

Twist-In Temporary Glass Retainers are used to support the glass until the structural silicone has fully cured in accordance with silicone manufacturer’s recommendations. The Retainers are reusable.
CURTAIN WALLS

Typical Details

VERTICAL MULLIONS FOR 1/4" (6) GLAZING

NOT TO SCALE

NOTE: Part numbers shown are available in 24’ (7.3 m) stock lengths. Visit usalum.com for more information.
OPEN BACK HORIZONTAL MULLIONS FOR 1/4" (6) GLAZING

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

NOTE: Open back-side of top and intermediate horizontals are always up as shown. The open back is down at the sill only.

NOT TO SCALE
CURTAIN WALLS

Typical Details

TUBULAR HORIZONTAL MULLIONS FOR 1/4" (6) GLAZING

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

NOT TO SCALE

Structural Silicone Vertical Glazed Curtain Wall

NOTE: Tubular Horizontals Must Be Used When Span Exceeds 6’0" (1.83m) or if Deadload Exceeds 250 lbs. (113.4 Kg)
Typical Details

STRUCTURAL SILICONE 90 DEGREE CORNER CONDITIONS FOR 1/4" (6) GLAZING

NOTE: Not Available for 8" (203.2) Back Members

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

Thermally Improved • Series 3150

Structural Silicone Vertical Glazed Curtain Wall

DIMENSION POINTS

6-1/4" (158.8)

5' (127)

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Online crlaurence.com By Phone (800) 421-6144 Ext. 5305
**CURTAIN WALLS**

**Typical Details**

**DOOR FRAMING - 1/4" (6) GLAZING**

*NOTE:* Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit usalum.com for more information.

**NOT TO SCALE**

**Thermally Improved**
- **Series 3150**

**NOT TO SCALE**

**Structural Silicone Vertical Glazed Curtain Wall**

**Center Hung Door**

**NOTE:**
- CW934/CW935/CW974
- CW901/CW933/CW929
- CW936/CW413 (CW923/CW950/CW918)
- CW901/CW933/CW916
- CW954 (CW915/CW918)
- TJ450/P-050
- D-300/M-550
- D-300/M-550
- Top Portion of Center Pivot for Surface Mounted or Floor Closer Applications
- Center Hung Adjustable Closer 105° N.H.O.
- D-201
- M-550
- D-201
- M-550
- 20101M17
- JC457/P-427

**Floor Closer Dotted**
- TH014 Threshold
- TH014
- TH017

**D.O.**
- 3/16" (4.8)
- 3/16" (4.8)
- 1/2" (12.7)

**D.O.**
- 1/8" (3.2)
- 1/8" (3.2)

**NOT TO SCALE**

**Top Portion of Center Pivot for Surface Mounted or Floor Closer Applications**

**Floor Closer Dotted**

**D.O.**
- 3/16" (4.8)
- 3/16" (4.8)

**D.O.**
- 1/2" (12.7)
Typical Details

DOOR FRAMING - 1/4" (6) GLAZING

**NOTE:** Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit usalum.com for more information.

---

**Thermally Improved**

- **Series 3150**

**OFFSET HUNG DOOR**

- **Structural Silicone Vertical Glazed Curtain Wall**

---

**NOT TO SCALE**
CURTAIN WALLS

Typical Details

VERTICAL MULLIONS FOR 1" (25) GLAZING

Structural Silicone Vertical Glazed Curtain Wall

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

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Online crlaurence.com  By Phone (800) 421-6144 Ext. 5305
Typical Details

OPEN BACK HORIZONTAL MULLIONS FOR 1" (25) GLAZING

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

Thermally Improved
- Series 3150

NOTE: Open Back Side of Top and Intermediate Horizontals are Always Up as Shown. The Open Back is Down at the Sill Only.

Structural Silicone Vertical Glazed Curtain Wall
CURTAIN WALLS

Typical Details

TUBULAR HORIZONTAL MULLIONS FOR 1" (25) GLAZING

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

NOTE: Tubular Horizontals Must be Used When Span Exceeds 6'-0" (1.83 m) or if Deadload Exceeds 250 lbs. (113.4 Kg)

Structural Silicone Vertical Glazed Curtain Wall

Online usalum.com By Phone (800) 262-5151 Ext. 5305
Online cr Laurence.com By Phone (800) 421-6144 Ext. 5305
Typical Details

STRUCTURAL SILICONE 90 DEGREE CORNER CONDITIONS FOR 1" (25) GLAZING

NOTE: Not Available for 8" (203.2) Back Members

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

Structural Silicone Vertical Glazed Curtain Wall

DIMENSION POINTS

NOT TO SCALE
CURTAIN WALLS

Typical Details

1" (25) TO 1/4" (6) TRANSITION GLAZING

**NOTE:** 4" (101.6) Back Members Shown; 5" (127) and 8" (203.2) Members Similar. Corner Members are Not Available for 8" (203.2) Back Members

**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit usalum.com for more information.

**Thermally Improved**

• Series 3150

---

**Structural Silicone Vertical Glazed Curtain Wall**

---

**ELEVATION**

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

**NOT TO SCALE**

Online usalum.com By Phone (800) 262-5151 Ext. 5305
Online crlauренce.com By Phone (800) 421-6144 Ext. 5305
Typical Details

DOOR FRAMING - 1" (25) GLAZING

NOTE: Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit usalum.com for more information.

Thermally Improved
• Series 3150

Structural Silicone Vertical Glazed Curtain Wall

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Online crlaurence.com By Phone (800) 421-6144 Ext. 5305
Typical Details

DOOR FRAMING - 1" (25) GLAZING

NOTE: Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit usalum.com for more information.

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• Series 3150

Structural Silicone Vertical Glazed Curtain Wall

NOT TO SCALE
Typical Details

MID-SPAN ANCHORS AND MULLION SPLICE

NOTE: Anchor Type and Size Varies Per Job Requirements

Brake Metal Shown in Concept Only

For more information on Stool Trim sizes please visit usalum.com.
Typical Details

MID-SPAN ANCHORS AND MULLION SPLICE

2B

EXPANSION ANCHOR (WINDLOAD ANCHOR)

NOTE: Anchor Type and Size Varies Per Job Requirements

3

SPLICE JOINT

NOTE: Joint Width Should be Based on Mullion Length and Temperature Differential. A 1/2" (12.7) Gap Allows for 1/4" (6.4) Movement.

NOT TO SCALE
Deflection criteria to be in accordance with AAMA TIR-A11 - L/175 or L/240 + 1/4" (6.4 mm) for spans greater than 13'-6" (4.1 m) but less than 40'-0" (12.2 m). Codes and specifications may vary. No single lite of glass shall deflect more than 3/4" (19 mm). Glass is not considered as contributing to resistance of deflection. Aluminum alloy 6063-T6 allowable stress for windload is 15,200 psi. (89 MPa), and steel reinforcing allowable stress for windload is 21,600 psi. (183 MPa).

These charts include unbraced length analysis and are based on at least one horizontal being placed at the midpoint of the span. For other applications, please contact U.S. Aluminum Technical Sales at (800) 262-5151, or visit our web site at usalum.com.

Limitation of vertical mullions for:
- CURVES A = 15 PSF (718 Pa)
- CURVES B = 20 PSF (957 Pa)
- CURVES C = 25 PSF (1197 Pa)
- CURVES D = 30 PSF (1436 Pa)
- CURVES E = 40 PSF (1915 Pa)
CURTAIN WALLS

Windload Charts

STRUCTURAL SILICONE GLAZED VERTICAL MULLIONS FOR 1/4" (6) OR 1" (25) GLAZING

Deflection criteria to be in accordance with AAMA TIR-A11 - L/175 or L/240 + 1/4" (6.4 mm) for spans greater than 13'-6" (4.1 m) but less than 40'-0" (12.2 m). Codes and specifications may vary. No single lite of glass shall deflect more than 3/4" (19 mm). Glass is not considered as contributing to resistance of deflection. Aluminum alloy 6063-T6 allowable stress for windload is 15,200 psi. (89 MPa), and steel reinforcing allowable stress for windload is 21,600 psi. (183 MPa).

These charts include unbraced length analysis and are based on at least one horizontal being placed at the midpoint of the span. For other applications, please contact U.S. Aluminum Technical Sales at (800) 262-5151, or visit our web site at usalam.com.

Limitation of vertical mullions for:
CURVES A = 15 PSF (718 Pa)
CURVES B = 20 PSF (957 Pa)
CURVES C = 25 PSF (1197 Pa)
CURVES D = 30 PSF (1436 Pa)
CURVES E = 40 PSF (1915 Pa)

Thermally Improved • Series 3150

Structural Silicone Chart

Stress on structural silicone should not exceed 20 psi (137 KPa) for a 6:1 safety factor.

Series 3150 offers a contact width of 7/16" (11.1)

NOTE: The maximum shorter span of glass may be the width or the height dimension
E.G. for 5' x 7' (1.52 m x 2.13 m) check 5' (1.52 m)
for 7' x 5' (2.13 m x 1.52 m) check 5' (1.52 m)

THESE LIMITATIONS ARE RELATED ONLY TO THE SILICONE JOINT CAPABILITY. ALUMINUM MEMBERS SHOULD ALSO BE CHECKED FOR WINDLOAD AND DEADLOAD.
CURTAIN WALLS

Deadload Charts

HORIZONTAL MEMBERS FOR 1" (25) GLAZING

Deadload charts are based on 1/8" (3.2) maximum allowable deflection at the center point of the horizontal member and on a glass weight of 6.5 psf (31.74 Kg/m²)

Glass shall rest on two setting blocks located at:

CURVES A: 1/4 points
CURVES B: 1/8 points or 8" (203.2) from corners, whichever is larger

SHEAR BLOCK ASSEMBLY

PANEL ASSEMBLY

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Online crlaurence.com    By Phone (800) 421-6144 Ext. 5305
Deadload Charts

HORIZONTAL MEMBERS FOR 1" (25) GLAZING

Deadload charts are based on 1/8" (3.2) maximum allowable deflection at the center point of the horizontal member and on a glass weight of 6.5 psf (31.74 Kg/m²)

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CURVES A: 1/4 points
CURVES B: 1/8 points or 8" (203.2) from corners, whichever is larger

SHEAR BLOCK ASSEMBLY

PANEL ASSEMBLY

Online usalum.com  By Phone (800) 262-5151 Ext. 5305
Online crlaurence.com  By Phone (800) 421-6144 Ext. 5305
FOR 1/4" (6) AND 1" (25) GLAZING

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<th>DETAIL</th>
<th>DESCRIPTION</th>
<th>PKG. QTY.</th>
<th>FOR MULLION DEPTHS</th>
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<td>Outside 90 Degree Corner Anchor at Head and Sill for CW960</td>
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<td><img src="image" alt="Inside 90 Degree Corner Anchor" /></td>
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## CURTAIN WALLS

### Accessories

**FOR 1/4" (6) AND 1" (25) GLAZING**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DETAIL</th>
<th>DESCRIPTION</th>
<th>PKG. QTY.</th>
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<td>DJ360</td>
<td><img src="image" alt="DJ360" /></td>
<td>Drill Jig for Shear Block</td>
<td>1</td>
<td>4&quot; (101.6)</td>
</tr>
</tbody>
</table>

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**Thermally Improved**

- Series 3150

**Online** usalum.com By Phone (800) 262-5151 Ext. 5305

**Online** crlaurence.com By Phone (800) 421-6144 Ext. 5305
## CURTAIN WALLS

### Accessories

#### FOR 1/4" (6) AND 1" (25) GLAZING

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DETAIL</th>
<th>DESCRIPTION</th>
<th>PKG. QTY.</th>
<th>FOR MULLION DEPTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4&quot; (101.6)</td>
</tr>
<tr>
<td>AP954</td>
<td><img src="intermediate_shear_block.png" alt="Diagram" /></td>
<td>Intermediate Shear Block for 4&quot; Back Members (Includes screws)</td>
<td>20</td>
<td>●</td>
</tr>
<tr>
<td>AP955</td>
<td><img src="intermediate_shear_block.png" alt="Diagram" /></td>
<td>Intermediate Shear Block for 5&quot; Back Members (Includes screws)</td>
<td>20</td>
<td>●</td>
</tr>
<tr>
<td>AP928</td>
<td><img src="intermediate_shear_block.png" alt="Diagram" /></td>
<td>Intermediate Shear Block for 8&quot; Back Members (Includes screws)</td>
<td>20</td>
<td>●</td>
</tr>
<tr>
<td>AC956</td>
<td><img src="intermediate_shear_block.png" alt="Diagram" /></td>
<td>Intermediate Shear Block for 8&quot; Open Back Members (Includes screws)</td>
<td>20</td>
<td>●</td>
</tr>
<tr>
<td>AP926</td>
<td><img src="corner_shear_block.png" alt="Diagram" /></td>
<td>Corner Shear Block for Inside and Outside Corners (Includes screws)</td>
<td>20</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>HD973</td>
<td><img src="end_dam.png" alt="Diagram" /></td>
<td>End Dam for Captured Mullions</td>
<td>50</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>HD975</td>
<td><img src="end_dam.png" alt="Diagram" /></td>
<td>End Dam for Butt Glaze Mullions</td>
<td>50</td>
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<tr>
<td>WD925</td>
<td><img src="end_dam.png" alt="Diagram" /></td>
<td>End Dam for Captured Mullions</td>
<td>50</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>WD900</td>
<td><img src="end_dam.png" alt="Diagram" /></td>
<td>End Dam for Butt Glaze Mullions</td>
<td>50</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>CP925</td>
<td><img src="closure_plate.png" alt="Diagram" /></td>
<td>Closure Plate for Captured Mullions</td>
<td>50</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>CP900</td>
<td><img src="closure_plate.png" alt="Diagram" /></td>
<td>Closure Plate for Captured Mullions</td>
<td>50</td>
<td>● ● ● ●</td>
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<tr>
<td>CP950</td>
<td><img src="closure_plate.png" alt="Diagram" /></td>
<td>Closure Plate for Butt Glaze Mullions</td>
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<tr>
<td>CP951</td>
<td><img src="closure_plate.png" alt="Diagram" /></td>
<td>Closure Plate for Butt Glaze Mullions</td>
<td>50</td>
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<tr>
<td>CP952</td>
<td><img src="closure_plate.png" alt="Diagram" /></td>
<td>Closure Plate for Outside Corner</td>
<td>10</td>
<td>● ● ● ●</td>
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<tr>
<td>CP953</td>
<td><img src="closure_plate.png" alt="Diagram" /></td>
<td>Closure Plate for Inside Corner</td>
<td>10</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>CP954</td>
<td><img src="temp_glass_retainer.png" alt="Diagram" /></td>
<td>Temporary Glass Retainer for Captured Mullions</td>
<td>50</td>
<td>● ● ● ●</td>
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<tr>
<td>CW368</td>
<td><img src="temp_glass_retainer.png" alt="Diagram" /></td>
<td>Temporary Glass Retainer for Butt Glaze Mullions</td>
<td>50</td>
<td>● ● ● ●</td>
</tr>
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**Online**: usalum.com  **By Phone** (800) 262-5151 Ext. 5305  
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## CURTAIN WALLS

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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4” (101.6)</td>
</tr>
<tr>
<td>NP430</td>
<td><img src="image" alt="Exterior Gasket" /></td>
<td>Exterior Gasket</td>
<td>250’ Roll</td>
<td>•</td>
</tr>
<tr>
<td>NP420</td>
<td><img src="image" alt="Interior Gasket" /></td>
<td>Interior Gasket</td>
<td>250’ Roll</td>
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</tr>
<tr>
<td>SP450</td>
<td><img src="image" alt="Spacer Gasket" /></td>
<td>Spacer Gasket for Butt Glaze</td>
<td>250’ Roll</td>
<td>•</td>
</tr>
<tr>
<td>SB925</td>
<td><img src="image" alt="Setting Block" /></td>
<td>Setting Block for 1/4” (6) Glass; 4” (101.6) Long</td>
<td>100</td>
<td>•</td>
</tr>
<tr>
<td>AW900</td>
<td><img src="image" alt="1/4” (6) Glazing Edge Block" /></td>
<td>1/4” (6) Glazing Edge Block; 2-1/2” (63.5) Long</td>
<td>50</td>
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</tr>
<tr>
<td>SB910</td>
<td><img src="image" alt="Setting Block" /></td>
<td>Setting Block for 1” (25) Glass; 4” (101.6) Long</td>
<td>100</td>
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</tr>
<tr>
<td>AW901</td>
<td><img src="image" alt="1” (25) Glazing Edge Block" /></td>
<td>1” (25) Glazing Edge Block; 2-1/2” (63.5) Long</td>
<td>100</td>
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</tr>
<tr>
<td>MS222</td>
<td><img src="image" alt="Pressure Bar Screw" /></td>
<td>Pressure Bar Screw 1/4”- 20 x 1” (25) HWHCS with SRG5</td>
<td>200</td>
<td>•</td>
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<tr>
<td>WD960</td>
<td><img src="image" alt="Water Deflector for Outside Corner" /></td>
<td>Water Deflector for Outside Corner</td>
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<tr>
<td>WD961</td>
<td><img src="image" alt="Water Deflector for Outside Corner" /></td>
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<tr>
<td>SS964</td>
<td><img src="image" alt="Steel Stiffener Fits in: CW954, CW934, and CW964" /></td>
<td>Steel Stiffener Fits in: CW954, CW934, and CW964</td>
<td>16’ (4.88 m) Stock Length</td>
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<tr>
<td>SS905</td>
<td><img src="image" alt="Steel Stiffener Fits in: CW915, CW935, and CW905" /></td>
<td>Steel Stiffener Fits in: CW915, CW935, and CW905</td>
<td>16’ (4.88 m) Stock Length</td>
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<tr>
<td>SS908</td>
<td><img src="image" alt="Steel Stiffener Fits in: CW918, CW974, and CW908" /></td>
<td>Steel Stiffener Fits in: CW918, CW974, and CW908</td>
<td>16’ (4.88 m) Stock Length</td>
<td>•</td>
</tr>
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</table>