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System Overview

Idea-Starting Privacy Screen Configurations

Frameless
Limited to spans < 18" tall and 24" wide

Curved Corner
Curved Corner is only available in frameless sizes.

Fully Framed
Max size of 36" tall and 48" wide

Bottom Framed
Limited to spans < 18" tall

Miter Corner
Available in framed and frameless configurations
System Overview

Vertical Post Profiles

Privacy Screen End Post

Privacy Screen I Post

Privacy Screen T Post

Privacy Screen X Post

Basic Installation
### System Overview

Max height for the Privacy Screen is 36"  
Max width, post center to post center is 48"  
¼" Varia gauge only

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### Maximum Deflection of Posts in Privacy Screen

Please note that the deflections of the Varia Panels will be greater than the deflections of the posts. Deflections of the panels will vary depending on the panel size, panel material, or inclusion of top or bottom frames.

<table>
<thead>
<tr>
<th>Privacy Screen Posts</th>
<th>Anticipated deflection of post assuming 5psf over entire length, 4’ width, post center to center.</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Post</td>
<td>0.1”</td>
</tr>
<tr>
<td>I Post</td>
<td>0.1”</td>
</tr>
<tr>
<td>T Post</td>
<td>0.12”</td>
</tr>
<tr>
<td>X Post</td>
<td>0.13”</td>
</tr>
</tbody>
</table>
System Overview

System Limitations

Fully Framed

Bottom Framed

Frameless

Frameless, Lifted

U Channel Options

Bottom Framed, Flush

Bottom Framed, Lifted

*Top U Channel is always at the top, no height adjustments are possible.*
Solution 1: Frameless
Parts Overview

- Privacy Screen Top Cap
  3-15-2134

- Privacy Screen Panel Lift KIT
  3-15-2356-K

- Privacy Screen Glazing Channel
  0-15-2139

- Privacy Screen End Post

- Privacy Screen T Post

- Privacy Screen I Post

- Privacy Screen X Post

- Privacy Screen Base Plate KIT
  3-15-2133-K

- Privacy Screen Slot Cover A,
  (for End, I, T, X Posts)
  3-15-2375

- Privacy Screen Slot Cover B,
  (for T and X Posts)
  3-15-2376

For more information, please visit 3-form.com or call 800.726.0126

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Solution 1: Frameless

Example 1: Straight Run

Solution Document

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Solution 1: Frameless

Example 2: Curved Corner L
Solution 2: Framed

Parts Overview
Solution 2: Framed

Example 1: Straight Run

- Privacy Screen Top Cap 3-15-2134
- Privacy Screen End Post
- Privacy Screen Glazing Channel 0-15-2139
- 1/4" Varia Panel
- Privacy Screen I Post
- Privacy Screen Glazing Channel 0-15-2139

- Privacy Screen U Channel 47" 0-15-2156
- Privacy Screen U Channel Glazing 3-15-2194
- Privacy Screen Top U Channel Attachment KIT 3-15-2186-K
- Privacy Screen U Channel 47" 0-15-2156
- Privacy Screen U Channel Glazing 3-15-2194
- Wood Screws 3-15-2300

+ Privacy Screen U Channel 47" 0-15-2156
+ Privacy Screen U Channel Glazing 3-15-2194
+ Privacy Screen U Channel Glazing 3-15-2194

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Solution 2: Framed

Example 2: Mitered Corner L

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Installation Overview

Install Base Plate

Install Vertical Post

Install Glazing Channels and Panels

Install Top Caps.
Installation: Frameless

1 Drill Pilot Holes

Using the Privacy Screen Installation Template provided, layout the intended configuration of the privacy partition. Use the base plates (3-15-2133) with spacer pieces (3-15-2155 and 3-15-2138) to lay out the entire configuration. Locate the end of the privacy screen configuration and drill the pilot holes for the first two posts only. Drill Pilot hole in the center of the slot on the base plates (3-15-2133).

Note: To make assembly easier, we recommend only drilling pilot holes for 1 panel section at a time. After Step 5, drill the pilot holes for the next base plate in the sequence only. Repeat one by one until you finish the entire assembly.

*3form stocks the drill bits required for the pilot holes. If you wish to purchase a drill bit, please contact your 3form sales representative.

2 Install Baseplate

a Before fastening: If the Base Plate you are fastening is in the location of an End Post, make sure the side with countersunk holes lines up with the slot of the End Post.

Anchor the base plates to the substrate with anchors (3-15-2199). Continue to use the installation template (3-15-2155) to correctly space the base plates as you completely fasten the base plates.

b Use the corner template (3-15-2138) the same way as described in Step 2a. Use the template when drilling pilot holes in the substrate, and use the template (3-15-2138) when fastening the base plates with screws (3-15-2199).
Installation: Frameless

3 Attach Vertical Post

4 Install Panel Lift Kit (Optional)
   a Use Panel Lift Kit (3-15-2356-K) to lift the bottom edge of the panels if desired.
   b Measure and cut Slot Cover A (3-15-2375) to fill the gap between the bottom of the panel and the top of the base.

5 Cut Glazing Channels (if necessary)

Cut Glazing Channels (0-15-2139) down to the correct length. Correct Length is determined by length of straight on panel.
Installation: Frameless

6 Install Glazing Channels and Panels

7 Attach Additional Panels
Repeat Steps 1-6 for each panel in the system.

8 Install Top Caps
Use soft mallet to tap Top Caps (3-15-2134) into place.
**Installation: Bottom U Channel: Flush Mount**

1. **Install All Vertical Posts**
   
   Follow Steps 1-2 of Frameless Installation on page 12.

2. **Attach Bottom U Channel**
   
   a. Cut U Channel Glazing (3-15-2194) to length of U Channel.
   
   b. Lineup U Channel Glazing over U Channel and drill \( \frac{5}{8} \)“ diameter holes in the U Channel Glazing where the countersunk holes of the U Channel are.

3. **Attach Mitered Corner U Channel**
   
   a. Cut 2 Low Profile Glazing Channels (3-15-2194) to 9¼”.
   
   b. Lineup U Channel Glazing over U Channel and drill \( \frac{5}{8} \)“ diameter holes in the U Channel Glazing where the countersunk holes of the U Channel are.


   d. Ensure holes in Glazing Channel line up with holes in U Channel.

   d. Ensure holes in Glazing Channel line up with holes in U Channel.

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**Installation:** Bottom U Channel: Flush Mount

### 3 Attach Mitered Corner U Channel cont...
- Center U Channel between Base Plates.

### 4 Attach All Vertical Posts

### 5 Cut Glazing Channels (if necessary)
Cut Glazing Channels (0-15-2139) down to the correct length. Correct Length is determined by length of straight on panel.

### 6 Install Glazing Channels and Panels
- Glazing Channel Cut Length
- Varia Panel
- 1
- 2

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Installation: Bottom U Channel: Flush Mount

6 Install Glazing Channels and Panels cont...
   b

7 Install Top Caps
   Use soft mallet to tap Top Caps (3-15-2134) into place.

Installation: Bottom U Channel: Lifted

1 Install Vertical Posts
   Follow Steps 1-3 of Frameless Installation on page 12.

2 Install U Channel Glazing
   a Cut Low Profile Glazing Channel (3-15-2194) down to the correct length.
   Length of Glazing Channel = Length of U Channel – 1”
Installation: Bottom U Channel: Lifted

3 Install U Channel

a

b Optional:
Measure and cut Slot Cover to fill the gap between the bottom of the panel and the top of the base.

Slide Slot Cover into the vertical post.


c

d

4 Attach Mitered Corner U Channel

a Cut 2 Low Profile Glazing Channels (3-15-2194) to 9”.

b Assemble Mitered Corner Bottom U Channel Lift Kit (3-15-2193-K).
Installation: Bottom U Channel: Lifted

4 Attach Mitered Corner U Channel cont...

Optional: Measure and cut Slot Cover to fill the gap between the bottom of the panel and the top of the base.


5 Cut Glazing Channels (if necessary)

Cut Glazing Channels (0-15-2139) down to the correct length. Correct Length is determined by length of straight on panel.
Installation: Bottom U Channel: Lifted

6 Install Glazing Channels and Panels

7 Install Top Caps

Use soft mallet to tap Top Caps (3-15-2134) into place.
Installation: Fully Framed

1. **Install Vertical Posts and Bottom U Channels**
   - Follow Steps 1-6 for the Bottom U Channel: Flush Mount on pages 15–16 or Steps 1-6 for the Bottom U Channel: Lifted on pages 17–20, depending on the height of your U Channel.

2. **Install Top U Channels**
   - a. Cut Low Profile Glazing Channel (3-15-2194) to the correct length.
   - b. Length of Glazing Channel = Length of U Channel – 1¼"

3. **Install Mitered Corner Top U Channels**
   - a. Cut 2 Low Profile Glazing Channels (3-15-2194) to 9".
Installation: Fully Framed

3 Install Mitered Corner Top U Channels cont...

4 Install Top Caps

Use soft mallet to tap Top Caps (3-15-2134) into place.
### General Specifications

<table>
<thead>
<tr>
<th></th>
<th>Part Numbers</th>
<th>Material</th>
<th>Finish</th>
<th>Recommended Use</th>
<th>MSDS Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milled Aluminum</td>
<td>3-15-2133 3-15-2134</td>
<td>Aluminum 6061-T6</td>
<td>Clear (Satin) Anodize Architectural Type II; Class I Powdercoating Available (may not be feasible for all parts)</td>
<td>Interior Only</td>
<td>Recycled content typically between 25-35% Post Industrial 5% Post Consumer</td>
</tr>
<tr>
<td>Stamped Aluminum and Other Non-Visible Parts</td>
<td>3-15-2157 3-15-2186 3-15-2334</td>
<td>Aluminum 6061, 6063 or 5052</td>
<td>Clear (Satin) Anodize Architectural Type II; Class I</td>
<td>Interior Only</td>
<td>N/A</td>
</tr>
<tr>
<td>Fasteners &amp; Miscellaneous</td>
<td>-</td>
<td>Fasteners are Plated Mild Steel, 18-8 Stainless Steel or 304/305 Stainless Steel</td>
<td>Plain Finish</td>
<td>Interior Only</td>
<td>Recycled content typically approx 60% 35% Post Industrial 25% Post Consumer</td>
</tr>
</tbody>
</table>