3form Fin hardware has a versatile design that allows mounting to vertical or horizontal surfaces as wall fins, horizontal privacy partitions on desktops or pony walls, shelving, or even floor-to-ceiling partitions. It is simple to install and accentuates the material it holds. Based on the material selection the Fin hardware seamlessly integrates with high-powered LED lighting to edge-light the material. This document has information on both material and lighting compatibility. For more information on the lighting please refer to the 3flex Series Edge Lighting Solution Document.

For more information, please visit 3-form.com or call 800.726.0126
# Table of Contents

1 Overview

2 Parts Overview

3 Solutions
   3 200.43.02  Fin Privacy or Pony Wall Partition
   4 300.36.02  Plank Fin
   5 300.37.02  Knife Fin
   6 500.04.02  Fin Shelf

7 Installation
**Overview**

**Featured RTG**

<table>
<thead>
<tr>
<th>200.43.02</th>
<th>300.36.02.OI</th>
<th>300.37.02</th>
<th>500.04.02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fin Desktop Partition</td>
<td>Plank Fin</td>
<td>Knife Fin</td>
<td>Fin Shelf</td>
</tr>
<tr>
<td>see page 3</td>
<td>see page 4</td>
<td>see page 5</td>
<td>see page 6</td>
</tr>
</tbody>
</table>

**Material Compatibility and Maximum Panel Width for Fins**

<table>
<thead>
<tr>
<th>Material</th>
<th>Wall Fin No Lighting</th>
<th>Wall Fin With Lighting</th>
<th>Desktop/Pony Wall No Lighting</th>
<th>Desktop/Pony Wall With Lighting</th>
<th>Fin Shelf No Lighting</th>
<th>Fin Shelf With Lighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 1/2&quot; Chroma</td>
<td>24&quot;</td>
<td>14&quot;</td>
<td>24&quot;</td>
<td>14&quot;</td>
<td>12&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>* 1&quot; Chroma</td>
<td>36&quot;</td>
<td>18&quot;</td>
<td>36&quot;</td>
<td>18&quot;</td>
<td>12&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>1/2&quot; Varia</td>
<td>24&quot;</td>
<td>-</td>
<td>24&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3/4&quot; Varia</td>
<td>30&quot;</td>
<td>-</td>
<td>30&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1&quot; Varia</td>
<td>36&quot;</td>
<td>-</td>
<td>36&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5/8&quot; Struttura</td>
<td>36&quot;</td>
<td>-</td>
<td>36&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3/4&quot; Struttura</td>
<td>36&quot;</td>
<td>-</td>
<td>36&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>** 1/2&quot; Pressed Glass</td>
<td>24&quot;</td>
<td>18&quot;</td>
<td>24&quot;</td>
<td>18&quot;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>** 1/2&quot; Monolithic Glass</td>
<td>24&quot;</td>
<td>18&quot;</td>
<td>24&quot;</td>
<td>18&quot;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>** 3/4&quot; Poured Glass</td>
<td>-</td>
<td>-</td>
<td>24&quot;</td>
<td>18&quot;</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Notes:**
- Not Available
* Chroma Renew is best for lighting, consult 3form before specifying color layups
** Glass must be clear low-iron, consult 3form before specifying layup materials
Overview

Parts Overview

Aluminum Shim, 144" Long (3658mm)
3-15-1903, 1/16" x 2" (1.6mm x 50.8mm) Shim
3-15-1904, 1/8" x 2" (3.2mm x 50.8mm) Shim
3-15-1905, 3/16" x 2" (4.8mm x 50.8mm) Shim

Fin Cover Profile
122" (3099 mm) Length
8-68-2267

End Cap Kit with Strain Relief Hole
3-68-2271-K
(For Illuminated Fin only)

End Cap Kit
3-68-2268-K

Fin Base Profile
122" (3099mm) Length
8-68-2266

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

JULY 2016 | MAN 052 Fin | REV 004 © 2016 3form, Inc. All rights reserved.
Solution 1
RTG  200.43.02
Fin Desktop or Pony Wall Partition

Dimensions
Base profile is 2-7/8" C 2-1/2"
Minimum length is 12"
Maximum length is 120"
See compatibility chart on page 1 for available materials and gauges
Minimum recommended Panel Height: 4"
Maximum recommended Panel Height:
1/2" Chroma - 24", 14" w/lighting
1" Chroma - 36", 18" w/lighting
1/2" Varia - 24"
3/4" Varia - 30"
1" Varia - 36"
5/8" Struttura - 36"
3/4" Struttura - 36"
1/2" Pressed Glass - 24", 18" w/lighting
1/2" Monolithic Glass - 24", 18" w/lighting
3/4" Poured Glass - 24", 18" w/lighting

Weight
Base (not including the panel) is 1.25 lbs/linear foot
Panel weight will depend on material choice and gauge

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

JULY 2016 | MAN 052 Fin | REV 004 © 2016 3form, Inc. All rights reserved.
Solution 2
RTG  300.36.02.OI
300.36.02.HF

Plank Fin

Dimensions
Base profile is 2-7/8" C 2-1/2"
Minimum length is 12"
Maximum length is 120"

Minimum recommended Panel Width: 4"
Maximum recommended Panel Width:
1/2" Chroma - 24", 14" w/lighting
1" Chroma - 36", 18" w/lighting
1/2" Varia - 24"
3/4" Varia - 30"
1" Varia - 36"
5/8" Struttura - 36"
3/4" Struttura - 36"
1/2" Pressed Glass - 24", 18" w/lighting
1/2" Monolithic Glass - 24", 18" w/lighting

Weight
Base (not including the panel) is 1.25 lbs/linear foot
Panel weight will depend on material choice and gauge

Example: 1" gauge Chroma Fin 8' long C 18" wide (1.25*8 + 8*1.5*6.2) is 84.4 lbs.
Solution 3
RTG  300.37.02
Knife Fin

Dimensions
Base profile is 2-7/8" C 2-1/2"
Minimum length is 12"
Maximum length is 120"

Minimum recommended Panel Width: 4"
Maximum recommended Panel Width:
1/2" Chroma - 24", 14" w/lighting
1" Chroma - 36", 18" w/lighting
1/2" Varia - 24"
3/4" Varia - 30"
1" Varia - 36"
5/8" Struttura - 36"
3/4" Struttura - 36"
1/2" Pressed Glass - 24", 18" w/lighting
1/2" Monolithic Glass - 24", 18" w/lighting

Note: Material can be cut to customer specified shapes as long as they fall within the specified min/max requirements

Weight
Base (not including the panel) is 1.25 lbs/linear foot
Panel weight will depend on material choice and gauge

Example: 1" gauge Chroma Fin 8’ long C 18” wide (1.25*8 + 8*1.5*6.2) is 84.4 lbs.

For more information, please visit 3-form.com or call 800.726.0126
Solution 4
RTG  500.04.02
Fin Shelf

Dimensions
Base profile is 2-7/8" C 2-1/2"  
Minimum length is 12"  
Maximum length is 120"  

Fin material available in 1/2" or 1" gauge  
Maximum recommended width: 12"  
Minimum recommended width: 4"  
No more than 10lbs/ft on shelf when anchored into a solid substrate such as concrete or wood blocking

Weight
Base (not including the panel) is 1.25 lbs/linear foot  
1/2" gauge Chroma panel is 3.1 lb/ft²  
1" gauge Chroma panel is 6.2 lb/ft²  

Example: 1" gauge Chroma Fin 8' long C 18" wide (1.25*8 + 8*1.5*6.2) is 84.4 lbs.

For more information, please visit 3-form.com or call 800.726.0126
JULY 2016 | MAN 052 Fin | REV 004 © 2016 3form, Inc. All rights reserved.
Instructions

Installation

Installation is basically the same for all Fins. The only difference is the orientation and substrate that the Fin will be mounted to.

The Fin Panels will come assembled from the factory. The cover extrusions may be shipped loose or installed at the factory. If they are installed you will need to remove them to fasten the fin to the wall. Remove the top end cap and slide a screwdriver or thin rod between the cover and base near the top. Pry outward to snap off covers.

The Fin Panel may be removed for installation to prevent scratching or damage if desired. Remove the nuts and bolts fastening the Fin Panel and pull it out of the channel.

Mounting holes are not pre-drilled at the factory in the base extrusion. This will allow hole placement to match structure on site such as studs or furring strips. Drill Ø 1/4” holes on both sides of base extrusion along drill guide lines. Holes should be spaced no more than 30" apart and no more than 12" in from the top/bottom.

Fasten the Fin Panel to the structure using appropriate anchors for the substrate. Recommend 3/16”, 1-3/4” long wood screws for wood and 3/16”, 1/4”, or M6 anchors for concrete or cement.

Re-install the Fin Panel if it was removed and snap the cover extrusions in place.

Connect cable to power supply or controller.

See 3flex Series Edge Lighting Solution Document for wiring specifications and diagram.

Section View

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

JULY 2016 | MAN 002 Fin | REV 004 © 2016 3form, Inc. All rights reserved.