Contents Overview

- **Installation Stands** (×2)
- **Fin** (×8)
- **Rail**
  - White: 3-15-0723
  - Light Wood Stain: 3-15-1639-K

- **3mm Cable** 3-15-0723 (×6)
- **White Fast Caps** 3-15-006 (×6)
- **M6 × 18 Bolt** 3-15-008 (×6)
- **Edge Holder** 3-15-019 (×6)
- **M6×6mm Set Screw** 3-15-015 (×6)
- **M6×6mm Set Screw** 3-15-021 (×6)

- **Mending Plate** 3-15-007 (only for multiple modules)
  - (×6)

- **Mending Plate Screw** 3-15-008 (only for multiple modules)
  - (×12)

- **Rampa Screw** 3-15-020
  - *Pre-installed in Rail (3-15-014)*

- **Suspend Anchoring KIT** 3-15-7000-K (×6)

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

Each configuration shows two (2) Ready To Go solutions with a resulting footprint of 84" wide × 96" high. These are made from two (2) side by side modules, each 42" wide × 96" tall.

Edge Uniform (Wall and Ceiling)
Max Fin Depth 6.25" (159mm)

Contour (Wall and Ceiling)
Max Fin Depth 9.25" (229mm)

Fan (Wall and Ceiling)
Max Fin Depth 9.25" (229mm)

Stepped (Wall and Ceiling)
Max Fin Depth 6.25" (159mm)

Number Location on Fins
(Top Rail Slot)

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Overview cont...

Each configuration shows two (2) Ready To Go solutions with a resulting footprint of 84” wide x 96” high. These are made from two (2) side by side modules, each 42” wide x 96” tall.

**Angle (Wall and Ceiling)**
Max Fin Depth 9.25” (229mm)

- **Configuration A**: 8.7.6.5.4.3.2.1.1.2.3.4.5.6.7.8.
- **Configuration B**: 1.2.3.4.5.6.7.8.8.7.6.5.4.3.2.1.

**Arc (Wall and Ceiling)**
Max Fin Depth 9.25” (229mm)

- **Configuration A**: 8.7.6.5.4.3.2.1.1.2.3.4.5.6.7.8.
- **Configuration B**: 1.2.3.4.5.6.7.8.8.7.6.5.4.3.2.1.

**Diagonal (Wall and Ceiling)**
Max Fin Depth 9.25” (229mm)

- **Configuration A**: 1.2.3.4.5.6.7.8.8.7.6.5.4.3.2.1
- **Configuration B**: 8.7.6.5.4.3.2.1.1.2.3.4.5.6.7.8

**Jagged (Wall and Ceiling)**
Max Fin Depth 9.25” (229mm)

- **Configuration A**: 1.2.3.4.5.6.7.8.8.7.6.5.4.3.2.1
- **Configuration B**: 8.7.6.5.4.3.2.1.1.2.3.4.5.6.7.8

**Hourglass (Wall and Ceiling)**
Max Fin Depth 9.25” (229mm)

- **Configuration A**: 1.2.3.4.5.6.7.8.8.7.6.5.4.3.2.1
- **Configuration B**: 8.7.6.5.4.3.2.1.1.2.3.4.5.6.7.8

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Installation

Required Tools

- Level Tool
- Drill
- Drill Bits
- Tape Measure
- Screwdrivers

1 Set Up Installation Stands
Installation

2 Install Edge Fins into Installation Stands

Follow proper fin numbering sequence as noted on pages 3-4.

3 Drill Cable Holes in Rails

Drill ¼” holes through "C" shaped rails to hang the rails with cables.

4 Insert Rails into the Fins

Insert the rails into the fins as shown. Then install bolts (3-70-019) into the rails in the pre-installed rampa inserts.
Installation

5 Expand Rails to Lock Fins in Slots

After completing installation, the fast caps (3-70-006) can be used to cover up the bolts.

6 Cable Couplers Position and Installation

a When installing models end to end (meaning the ends of the fins are lining up) 3form recommends to leave a ½" - 1" gap between modules to avoid any aesthetic variation due to the fins not perfectly aligning caused by material or installation variance.

b Determine position for anchoring.

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Installation

6 Cable Couplers Position and Installation cont...

*If anchoring in concrete follow steps 6c-h, if anchoring in a hollow substrate follow steps 6i-n, if anchoring in wood follow steps 5o-p. Then move on to steps 6q-s.

C Concrete Installation

Drill Ø10mm hole, minimum 65mm deep.

Remove drilling debris with a blowout bulb or with compressed air.

With screw in anchor (3-15-3011A), use a hammer to insert anchor.

Place a washer under the screw head.

Torque the screw to 15 Nm.

Remove screw.
Slide the plastic cap forward along the legs until it is seated flush to the work surface.

Snap the plastic legs off flush at the plastic cap by pushing outward.

Note: Maximum torque on screw or rod is 5 ft-lb.
Installation

6 Cable Couplers Position and Installation cont...

Wood Installation

Drill Ø¾" (Ø11.1mm) hole, minimum 20mm deep.

Use an Allen wrench to install the M8 Threaded Insert (3-15-0791).

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Installation

7 Suspend the Edge Module

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Installation

8 Connect the Edge Module - Optional
Product Description
Play with Varia in a whole new way with Edge. The easy-to-install, modular system comes in nine configurations, and can be customized to fit any space – as a wall treatment, ceiling element, or partition system.

Features and Benefits
- Many beautiful design options
- Extremely easy to assemble and disassemble
- Very tough and durable

Available Configurations
Edge Fins come in 9 standard configurations – Uniform, Contour, Fan, Stepped, Angle, Arc, Diagonal, Jagged, Hourglass (shown in more detail on page 3). Fins can be installed in various sequences to provide a unique aesthetic within each configuration. Also, customization of the fin size is available.

Edge is available as a wall, ceiling, or partition installation. Each of the nine fin configurations are identical for wall and ceiling. Partition is two sided so the look is similar on both sides.

Available Textures/Finishes
3form Edge in Varia Ecoresin comes standard with both a front and back Sandstone finish. Sandstone is a durable finish that has a subtle grainy texture with a slightly frosted look.

*The Varia Ecoresin system panels utilizing natural products as a decorative inter-layers may change in appearance over time. Natural materials are also subject to inherent inconsistency in color, texture and shape.

Available Colors
Edge Fins can be specified in any of 3form’s 15 Sola Felt options.

Panel Sizes and Tolerances
Linear patterns in Varia Ecoresin panels have a skew tolerance of ¼” skew over 48”. Panels containing a pattern (Capiz, Timber, etc.) will not match up from piece to piece.

*Edge materials are cut to a tolerance of ±1/32”

Flatness Tolerance
Edge panels shall not have distortion in the form of a wrinkle, twist or scallop along the perimeter of the sheet. Overall warp extending across the sheet is permitted to a maximum of ¼” (7.14 mm) for each 48” (1.2 m) or fraction thereof. Panel is to be measured when laying horizontally under its own weight on a flat continuous surface.

Material Specifications
Flammability and Smoke Test Results
- Building Code Approvals
Edges Fins have been independently tested and meet the criteria for approved interior finishes and light transmitting resin as described in the 2015 International Building Code®.

<table>
<thead>
<tr>
<th>Material</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varia Ecoresin</td>
<td>ASTM D 2843 Smoke Density</td>
<td>71.6%F</td>
</tr>
<tr>
<td>Varia Ecoresin</td>
<td>ASTM D 635 Flame Spread</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Varia Ecoresin</td>
<td>ASTM D 1929 Self-ignition</td>
<td>716%F</td>
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<tr>
<td>Varia Ecoresin</td>
<td>UL94</td>
<td>Flame Class - HB</td>
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<tr>
<td>Varia Ecoresin</td>
<td>UPITT Mortality Test</td>
<td>Pass</td>
</tr>
<tr>
<td>Varia Ecoresin</td>
<td>ASTM E84-03 Flame Spread, 1/4” thickness</td>
<td>Not more toxic than wood</td>
</tr>
<tr>
<td>Varia Ecoresin</td>
<td>Smoke Generated</td>
<td>Class B: 26-75 ≤s450</td>
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<tr>
<td>Varia Ecoresin</td>
<td>NFPA 286 1/4” thickness</td>
<td>Pass</td>
</tr>
<tr>
<td>Sola Felt</td>
<td>ASTM E84-03 Flame Spread, 1/4” thickness</td>
<td>Class A: 0-25 ≤s450</td>
</tr>
<tr>
<td></td>
<td>Smoke Generated</td>
<td></td>
</tr>
</tbody>
</table>
Cleaning Instructions

Cleaning: Varia Ecoresin
3form Varia Ecoresin fins should be cleaned periodically. A regular, seasonal cleaning program will dramatically help prevent noticeable weathering and dirt build-up. 3form recommends the use of the following common cleaning products: Windex, Formula 409, Simple Green, Fantastik, Virex, 10:1 Water/Bleach Solution.

Rinse the sheets with lukewarm water. Remove dust and dirt from Varia Ecoresin with a soft cloth or sponge and a solution of mild soap and/or liquid detergent in water. A 50:50 solution of isopropyl alcohol and water also works well. Rinse thoroughly with lukewarm water.

Do:
• Always use a soft, damp cloth to blot dry. (Rubbing with a dry cloth can scratch the material and create a static charge)

Do not:
• Use scrapers or squeegees on Varia Ecoresin.
• Use scouring compounds, gasoline, benzene, acetone, carbon tetrachloride, certain deicing fluids, lacquer thinner or other strong solvents.
• Use highly alkaline or abrasive cleaning agents.
• Rub with a dry cloth.

Cleaning: Felt
To remove airborne debris and dust, it is recommended to periodically vacuum Felt Edge fins. Please note the slight shedding of fibers from the Felt is normal and not indicative of any defect.

Important! If a cleaning material is found to be incompatible in a short-term test, it will usually be found to be incompatible in the field. The converse, however, is not always true. Favorable performance is no guarantee that actual end-use conditions have been duplicated. Therefore, these results should be used as a guide only and it is recommended that the user test the products under actual end use conditions.