

**IAR Library: 06.64.00 Box 1 2010**  
**Plastic Paneling**  
**06 64 00**  
**2010**

<b>PRODUCT INFORMATION</b>	<b>TYPE OF PRODUCT</b>	Thermoplastic resin
	<b>COMPANY NAME</b>	3-Form
	<b>PRODUCT/COLLECTION NAME</b>	Varia Collection
	<b>DESCRIPTION</b>	Ecoresin plastic paneling
<b>MATERIAL FEEDSTOCK</b>	<b>MATERIAL CONTENT</b>	Not Specified
	<b>RECYCLED CONTENT %</b>	40% pre-consumer recycled resin
	<b>RAPIDLY RENEWABLE CONTENT %</b>	Not Specified
	<b>HARMFUL ADDITIVES</b>	3-form is PVC Free
	<b>HARMFUL EMISSIONS</b>	Not Specified
	<b>EMISSION STRENGTH OVER TIME</b>	Not Specified
	<b>TREATMENTS</b>	Not Specified
<b>MANUFACTURING</b>	<b>MANUFACTURING PROCESS</b>	Leed defines manufacturing as the final site of assembly of components into the building product that is furnished and installed. the intent is to reduce the mileage traveled of construction and furniture materials in order to minimize the negative environmental impacts of such transportation. this credit can be applied to 3form materials when they are fabricated or integrated with other materials into a multi-component system, such as when used in cabinets and furniture. the site of such fabrication can be considered the manufacturing location and can help earn Leed credits within 500 miles of the project site. cutting, drilling holes, and applying hardware are not considered manufacturing for Leed credits. When panels are installed without being fabricated into a multi-component system the manufacturing site is the original site of manufacturing. manufacturing sites for our products can be found under the regional materials section of our Leed document.
	<b>HARMFUL EMISSIONS</b>	Not Specified
	<b>LOCATION OF MANUF. PLANT</b>	Is the material manufactured locally? Within a 500 mile radius? [LEED] Are the raw materials extracted locally? Within a 500 mile radius? Are toxins released during the extracting process?
	<b>TESTS/CODES</b>	N/A
	<b>3<sup>RD</sup> PARTY CERTIFICATION</b>	N/A
	<b>INSTALLATION</b>	<b>INSTALLATION PROCEDURE</b>
	<b>INSTALLATION ADHESIVES</b>	N/A
	<b>UNIT COST</b>	Sample 4"x4" \$4.00, 8"x8" \$12.50
	<b>LIFE CYCLE ANALYSIS EXTRACTION</b>	N/A
	<b>END OF SERVICE LIFE</b>	Can be reclaimed at end of life 3form takes responsibility for its products over their entire life-cycle. Our Reclaim program reuses and recycles materials removed from installations or panels damaged in production. It is a bi-directional process that prevents panels from entering the landfill and extends their useful life.  Construction and demolition waste accounts for 40% of waste in the United States. 3form is working hard to minimize its contribution by taking back its products at the end of life. Available in a set of standardized sizes and subject to 3form's rigid quality control standards, this project presents a rare opportunity for consumers and designers to acquire unique panels ready for a second use.
<b>MISC. PROPERTIES</b>	<b>QUALITIES/PROPERTIES OF PRODUCT</b>	<ul style="list-style-type: none"> <li>- easy to clean and use in a variety of demanding environments</li> <li>- wide range of price points to fit any budget</li> <li>- 40 times the impact strength of glass</li> <li>- available with UV stabilization for outstanding exterior performance</li> <li>- self-extinguishing class-A and class-B performance</li> <li>- easily formed to create complex curves and shapes</li> <li>- non-toxic, sustainable material made from <sup>™</sup>, which is GREENGUARD Indoor Air Quality Certified®</li> </ul>

		<ul style="list-style-type: none"> <li>- create more than a million custom options to provide both daylighting and privacy</li> <li>- offers unlimited aesthetic and design options</li> </ul>
	<b>MISC. COMMENTS</b>	<p>What materials are used in product packaging?  Is packaging made of recycled content, recyclable, or minimal?</p>
	<b>CONTRIBUTION TO LEED POINTS</b>	<p># Contributes to LEED MR 4.1 &amp; MR 4.2 for recycled content  # Contributes to LEED EQ 8.1, 8.2 &amp; 8.3 for Daylight and Views</p>
<b><u>COMPANY PROFILE</u></b>	<b>GREEN PHILOSOPHY</b>	<p>3form continues to innovate and expand its offerings of aesthetically refined low impact products. Our mission is to design beautiful materials that demand less from the natural world and are kind to people. Never satisfied, we are continually developing ways to further reduce the impact of our products and the way in which we produce them.</p>
	<b>CONTACT</b>	A
<b><u>MAINTENANCE</u></b>	<b>AFTER INSTALLATION</b>	<p>3form Varia Ecoresin, like all thermoplastic resin materials, should be cleaned periodically. For exterior applications, a quarterly cleaning program will dramatically help prevent noticeable weathering and dirt build-up.</p> <p>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. A50:50 solution of isopropyl alcohol and water also works well. Rinse thoroughly with lukewarm water.</p> <p>Always use a soft, damp cloth to blot dry. Rubbing with a dry cloth can scratch the material and create a static charge. Never use scrapers or squeegees on Varia Ecoresin. Also avoid scouring compounds, gasoline, benzene, acetone, carbon tetrachloride, certain deicing fluids, gasoline, lacquer thinner or other strong solvents.</p>