Several sealer, paint and tape manufacturers have provided their recommendations for finishing materials suitable for use on EXTIRA. JELD-WEN, inc. provides this information, to prospective users who must independently determine the suitability of such materials for its purpose. It is the user’s responsibility to test and qualify all materials the user intends to use on EXTIRA. JELD-WEN, inc. does not guarantee the performance or compatibility of the materials listed in this document, or any other materials, nor does JELD-WEN, inc. bear any liability associated with the secondary treatment of EXTIRA. Samples of EXTIRA are available upon request for your testing purposes. Please contact leahH@jeld-wen.com for samples.

This document is not a guideline or direction meant to guarantee any result; it is strictly informational in nature. JELD-WEN, inc. makes no warranties or representations, express or implied, as to the accuracy, completeness, or any other aspect of the information in this document and JELD-WEN, inc. assumes no liability in connection with any use of the information. JELD-WEN, inc. provides this document to you on the condition that you will make your own complete assessment of the information given, prior to using the material. JELD-WEN, inc. has no knowledge of or control over your use of the information, and it is provided “as is” and without any warranty of any kind. Accordingly, JELD-WEN, inc. excludes all implied warranties, including but not limited to any warranty of merchantability or fitness for a particular purpose and warranties to the effect that the use of this information will not infringe any patent, copyright or trademark of any third party.

JELD-WEN, inc. welcomes information from you about your experience with the use of these materials or any other in the secondary treatment of EXTIRA.

FINISHING:
For signs that require extremely high primer/surface adhesion, such as when using sand mask agents, use an exterior grade surface sealer before applying the prime coat. We suggest an oil-based polyurethane. For maximum surface strength results, use a high quality, solvent or oil-based primer with a surface sealer. Epoxy primers may also perform well. High quality water-based primers will provide long term performance, but are not recommended for applications requiring high primer-to-surface adhesion. If the creation of your sign requires the use of sand masking agents, use a low tack product with a rating around 2.2 lb/inch or less.

Be sure to follow the instructions that the sealer manufacturer provides for use. In general, we suggest that you do not let the sealer cure on the surface. It is important to have good surface penetration to achieve the best result. If there are areas of build-up, they should be lightly sanded before applying the primer application.

<table>
<thead>
<tr>
<th>SEALER MANUFACTURER</th>
<th>SEALER SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZAR</td>
<td>203 Gloss</td>
</tr>
<tr>
<td></td>
<td>267 Satin</td>
</tr>
<tr>
<td>Harrison Paints</td>
<td>Dura Guard Alkyd Surface Sealer</td>
</tr>
<tr>
<td>Smith and Co. Epoxy Products</td>
<td>Multi Prime, Clear Penetrating Epoxy</td>
</tr>
<tr>
<td>Cargill Inc.</td>
<td>Dilulin (requires addition of metallic driers)</td>
</tr>
</tbody>
</table>

PRIMERS:
Contact the paint manufacturer for final topcoat compatibility with the selected primer system. Be sure to follow the paint manufacturer’s instructions for use.

<table>
<thead>
<tr>
<th>PAINT MANUFACTURER</th>
<th>PRIMER SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Shot, LLC</td>
<td>4411010 High Build Waterborne Primer</td>
</tr>
<tr>
<td>Matthews Paints</td>
<td>274 908SP White Epoxy Primer</td>
</tr>
<tr>
<td></td>
<td>274 228SP E-Primer (low VOC)</td>
</tr>
<tr>
<td>Ronan Paints</td>
<td>Prime All — Waterborne Acrylic Primer/Stain Kill</td>
</tr>
<tr>
<td></td>
<td>(2 coats recommended, water based)</td>
</tr>
<tr>
<td>Zinsser Co., Inc.</td>
<td>Cover-Stain Primer Sealer (oil based)</td>
</tr>
<tr>
<td>Harrison Paints</td>
<td>Versa-Seal Primer 249-88 (oil based)</td>
</tr>
<tr>
<td></td>
<td>Versa-Seal Primer 248-88 (water based)</td>
</tr>
</tbody>
</table>
Matthews Paint has provided the following instructions for specific sign finishes:

**NON-SANDING SYSTEM**

1. Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.
2. Apply one to two coats of the 274 908SP White Epoxy Primer mixed per directions. See MPC125 Technical Bulletin for mixing and spraying instructions.
3. Topcoat with conventional Satin MAP or conventional Gloss MAP per directions. See MPC102 Technical Bulletin for Satin MAP, or MPC100 for Gloss MAP.

**LOW VOC:**

1. Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.
2. Apply one to two coats of the 274 228SP E-Prime mixed per directions. See MPC126 Technical Bulletin for mixing and spraying instructions.
3. Topcoat with Low VOC Satin MAP or Low VOC Gloss MAP per directions. See MPC107 Technical Bulletin for Low VOC Satin MAP, or MPC106 for Low VOC Gloss MAP.

**SANDING SYSTEM**

1. Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.
2. Apply one to two coats of the 274 908SP White Epoxy Primer mixed per directions. See MPC125 Technical Bulletin for mixing and spraying instructions.
3. Apply two to three coats of 6001SP Polyester Primer Surfacer mixed per directions. See MPC169 Technical Bulletin for mixing and spraying instructions.
4. Sand the 6001SP to leveling. Final sand with a grit no coarser than 600 before applying a topcoat.
5. Topcoat with conventional Satin MAP or conventional Gloss MAP per directions. See MPC102 Technical Bulletin for Satin MAP, or MPC100 for Gloss MAP.

**LOW VOC:**

1. Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.
2. Apply one to two coats of the 274 228SP E-Prime mixed per directions. See MPC126 Technical Bulletin for mixing and spraying instructions.
3. Apply two to three coats of 6001SP Polyester Primer Surfacer mixed per directions. See MPC169 Technical Bulletin for mixing and spraying instructions.
4. Sand the 6001SP to leveling. Final sand with a grit no coarser than 600 before applying a topcoat.
5. Topcoat with Low VOC Satin MAP or Low VOC Gloss MAP per directions. See MPC107 Technical Bulletin for Low VOC Satin MAP, or MPC106 for Low VOC Gloss MAP.

**SANDMASK TAPES:**

In general, use a tape with a low grip adhesive, such as a rating of 2.2 lb/inch. The following tapes have produced acceptable results. Test or qualify the tapes with Extira before making a sign. Final qualification is the responsibility of the end user.

<table>
<thead>
<tr>
<th>TAPE MANUFACTURER</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avery Dennison</td>
<td>SF 100-128-S White Paint Mask</td>
</tr>
<tr>
<td></td>
<td>SF 100-231-S Yellow Paint Mask</td>
</tr>
</tbody>
</table>

**CONTACT INFORMATION**

One Shot, LLC.  
Contact: Tom Yates  
Technical Support  
5300 Fifth Avenue  
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Gary, IN 46406  
Phone: 219.949.1684  
Email: yatest@spraylat.com  

Avery Dennison Graphics & Reflective Products Division NA  
Contact: Answerline  
250 Chester Street 6M  
Painesville, OH 44077  
Phone: 800.443.9380 option 1  

Cargill, Inc.  
Contact: Diane Smith  
P.O. Box 5693  
Minneapolis, MN 55440-5693  
Phone: 800.842.3631  

HartCo., Inc.  
Contact: Customer Support  
1280 Glendale-Milford Road  
Cincinnati, OH 45215  
Phone: 800.543.1340  
Email: info@harcoservice.com  

3M  
Contact: Technical Support  
Industrial Tape and Specialties Div.  
3M Center Building  
220-7W-03  
St. Paul, MN 55144-1000  
Phone: 800.362.3550  
Email: www.3M.com/industrialtape  

Zar/UGL  
P.O. Box 70  
Scranton, PA 18501  
Phone: 800.845.5227  

Ronan’s Paint Corp  
Contact: Dennis Doran  
749 East 135th Street  
Bronx, NY 10454  
Phone: 800.247.6626  
Email: ronanpaint@aol.com  

Matthews Paint  
Customer Service Group  
LakeView Corporate Park  
8201 – 100th Street  
Pleasant Prairie, WI 53158  
Phone: 800.323.6593  
http://www.ppg.com/coatings/matthewspaint  

Zinsser Co., Inc.  
Contact: Customer Support  
301 Cotontail Lane  
Somerest, NJ 08875  
Phone: 732.469.8100  
Email: bullseye@zinsser.com