

Several sealer, paint and tape manufacturers have provided their recommendations for finishing materials suitable for use on EXTIRA. CMI provides this information, free of charge, 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. CMI does not guarantee the performance or compatibility of the materials listed in this document, or any other materials, nor does CMI bear any liability associated with the secondary treatment of EXTIRA. Samples of EXTIRA are available upon request for your testing purposes.

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CMI 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. We have found that 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.

<b>SEALER MANUFACTURER</b>	<b>SEALER SYSTEM</b>
ZAR	Exterior Polyurethane — Clear Coat
Poly Coatings Int'l Division, Realsit Corp.	Safety Coat X100
Harrison Paints	Dura Guard Alkyd Surface Sealer
Smith and Co. Epoxy Products	Multi Prime, Clear Penetrating Epoxy
Cargill Inc.	Dilulin (requires addition of metallic driers)

**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.

<b>PAINT MANUFACTURER</b>	<b>PRIMER SYSTEM</b>
One Shot, LLC	Ti-Cote Clear Primer Barrier Coat, 43101 I — Flat (water based) Acrylic Bonding Primer/Block out White 5005 (water based)
Matthews Paints	274 908SP White Epoxy Primer 274 228SP E-Primer (low VOC)
Ronan Paints	Prime All — Waterborne Acrylic Primer/Stain Kill (2 coats recommended, water based)
Zinsser Co., Inc.	Cover-Stain Primer Sealer (oil based)
Harrison Paints	Versa-Seal Primer 249-88 (oil based) Versa-Seal Primer 248-88 (water based)

Matthews Paint has provided the following instructions for specific sign finishes:

<b>NON-SANDING SYSTEM</b>	<b>SANDING SYSTEM</b>
<p><b>CONVENTIONAL:</b></p> <ol style="list-style-type: none"> <li>Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.</li> <li>Apply one to two coats of the 274 908SP White Epoxy Primer mixed per directions. See MPC125 Technical Bulletin for mixing and spraying instructions.</li> <li>Topcoat with conventional Satin MAP or conventional Gloss MAP per directions. See MPC102 Technical Bulletin for Satin MAP, or MPC100 for Gloss MAP.</li> </ol> <p><b>LOW VOC:</b></p> <ol style="list-style-type: none"> <li>Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.</li> <li>Apply one to two coats of the 274 228SP E-Prime mixed per directions. See MPC126 Technical Bulletin for mixing and spraying instructions.</li> <li>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.</li> </ol>	<p><b>CONVENTIONAL:</b></p> <ol style="list-style-type: none"> <li>Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.</li> <li>Apply one to two coats of the 274 908SP White Epoxy Primer mixed per directions. See MPC125 Technical Bulletin for mixing and spraying instructions.</li> <li>Apply two to three coats of 6001SP Polyester Primer Surfacer mixed per directions. See MPC169 Technical Bulletin for mixing and spraying instructions.</li> <li>Sand the 6001SP to leveling. Final sand with a grit no coarser than 600 before applying a topcoat.</li> <li>Topcoat with conventional Satin MAP or conventional Gloss MAP per directions. See MPC102 Technical Bulletin for Satin MAP, or MPC100 for Gloss MAP.</li> </ol> <p><b>LOW VOC:</b></p> <ol style="list-style-type: none"> <li>Tack off Extira with a clean tack cloth. Avoid using harsh solvents to clean Extira as the solvents may cause the substrate to swell.</li> <li>Apply one to two coats of the 274 228SP E-Prime mixed per directions. See MPC126 Technical Bulletin for mixing and spraying instructions.</li> <li>Apply two to three coats of 6001SP Polyester Primer Surfacer mixed per directions. See MPC169 Technical Bulletin for mixing and spraying instructions.</li> <li>Sand the 6001SP to leveling. Final sand with a grit no coarser than 600 before applying a topcoat.</li> <li>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.</li> </ol>

**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:

<b>TAPE MANUFACTURER</b>	<b>PRODUCT</b>
Avery Dennison	SX 3402 Yellow/Removable/78# Calendared Vinyl Film
Avery Dennison	SX 3400 White/Removable/78# Calendared Vinyl Film

**CONTACT INFORMATION:**

<p><b>One Shot, LLC.</b>                      Technical Support                      5300 Fifth Avenue                      P.O. Box 6369                      Gary, IN 46406                      Phone: 219.949.1684                      Email: asklouie@hotmail.com</p>	<p><b>Avery Dennison Graphics &amp; Reflective Products Division NA</b>                      Contact: Answerline                      250 Chester Street 6M                      Painesville, OH 44077                      Phone: 800.443.9380 option 1</p>	<p><b>Harrison Paint Co.</b>                      Contact: Guy Braun x 139                      Contact: Gary Bickel x 133                      1329 Harrison Ave. SW                      Canton, OH 44706                      Phone: 800.321.0680                      Email: GBraun@harrisonpaint.com</p>	<p><b>Ronan's Paint Corp</b>                      Contact: Bob Chlupsa                      749 East 135th Street                      Bronx, NY 10454                      Phone: 800.247.6626                      Email: ronanpaint@aol.com</p>
<p><b>3M</b>                      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</p>	<p><b>Cargill, Inc.</b>                      P.O. Box 9300                      Minneapolis, MN 55440                      Phone: 800.842.3631</p>	<p><b>Matthews Paint</b>                      Contact: Jan Scheske                      Customer Service Group                      LakeView Corporate Park                      8201 – 100th Street                      Pleasant Prairie, WI 53158                      Phone: 800.323.6593                      Email: jscheske@ppg.com</p>	<p><b>Zar/UGL</b>                      P.O. Box 70                      Scranton, PA 18501                      Phone: 800.845.5227</p>
	<p><b>HartCo. Inc.</b>                      Contact: Customer Support                      1280 Glendale-Milford Road                      Cincinnati, OH 45215                      Phone: 800.543.1340                      Email: info@harcoservice.com</p>	<p><b>Poly Coatings Int'l Div., Realsit Corp.</b>                      P.O. Box 48                      New Lowell                      Ontario, Canada L0M1N0                      Phone: 705.424.7576</p>	<p><b>Zinsser Co., Inc.</b>                      Contact: Customer Support                      173 Belmont Drive                      Somerset, NJ 08875                      Phone: 732..469.8100                      Email: bullseye@zinsser.com</p>