

ALT R268 Textured Coating Heavy Duty Surfacing Specification



Technical Data Sheet

PART 1 GENERAL	
System:	Aggregate filled cold liquid-applied non-reinforced heavy duty traffic bearing coating and surfacing system for machine rooms, walkways, balconies, terraces and vehicular traffic decks, including but not limited to installation of all ancillary work, penetration flashings, sealants and metal work as specified.
Weather Restrictions:	Do not apply coating during or with the threat of inclement weather. Application of cold liquid-applied coating may proceed while air temperature is between 32° F (0° C) and 95° F (35° C) for ALT primer, R268 Textured Coating and finish, or 23° F (-5° C) and 95° F (35° C) for ALT R230 Thixo flashing resin, providing the substrate is a minimum of 5 degrees above the dew point temperature, clean and dry.
Warranty:	Manufacturer's Warranty: Provide (5) year standard manufacturer's warranty under provisions of this section.

PART 2 PRODUCTS	
Deck Coating:	Cold liquid-applied deck coating and surfacing system applied in a single coat application; subject to compliance with requirements, provide ALT R268 Textured Coating resin for use in a non-reinforced traffic bearing deck coating and surfacing system.
Basecoat/Topcoat Finish: (AS Required)	Cold liquid-applied seal coating and aesthetic topcoat system applied in a single coat application; subject to compliance with requirements, provide ALT Finish 288 resin for use in a non-reinforced traffic bearing deck coating and surfacing system.
Flashing: (As Required)	Cold liquid-applied membrane with a non-woven reinforcing fabric, for a finished dry film membrane thickness of .080 inch nominal per ply; integral color finish as selected by owner from manufacturer's standard palette of colors; conforming to ASTM C 836. Subject to compliance with requirements, provide ALT R230 Thixo resin for use in an adhered flashing membrane system.
Accessories:	Provide resin primers, additives, surfacing topcoats, and accessory products as required or recommended by the Membrane Manufacturer.

PART 3 EXECUTION	
Preparation:	<p>All substrates must be free from gross irregularities, loose, unsound or foreign material such as dirt, ice, snow, water, grease, oil, release agents, lacquers, or any other condition that would be detrimental to adhesion of the primer and/or resin to the substrate. All traffic bearing surfaces require scarifying, sandblasting or grinding to achieve a suitable substrate.</p> <p>Substrate shall have maximum moisture content of six (6) percent or 75% relative humidity, and be prepared as required to provide adhesion of the membrane to substrate with minimum bond strength of 219 psi (1.5 N/mm²) for all traffic deck applications. Determinations of bond strength and moisture content shall be performed periodically by the Contractor throughout the course of work.</p>
Primer:	<p>Prime all substrates as recommended or required by Membrane Manufacturer. Primer is required on all approved traffic bearing and flashing substrates. For other substrates, contact the Membrane Manufacturer for recommendations.</p> <p><u>All Substrates:</u> Apply two component ALT Primer 276 with a lambswool roller. Minimum consumption: 0.037 kg/sf (0.4 kg/m²) Cure Time: Minimum of 45 minutes.</p> <p><i>*Note: Consumption and yield of primer will vary depending upon smoothness and absorbency of the substrate.</i></p>

<p>Base Coat: (As Required)</p>	<p>Apply an even coat of ALT Finish 288 resin using a hard rubber squeegee and lambswool roller at minimum consumption of 0.06 kg/sf (0.7 kg/m²).</p> <p>Note: This base coat is required only on primed areas to receive ALT R268 Textured Coating that will not be seal-coated with a topcoat of ALT Finish 288.</p> <p>Curing: ALT Finish is rainproof after approximately 30-minutes, and can be walked-on in approximately 2-hours. ALT Finish should be applied within 12-hours of the ALT R268 Textured Coating application.</p>
<p>Flashing: (As Required)</p>	<p>Apply an even base layer of ALT R230 Thixo resin, work ALT Fleece reinforcement into the wet resin saturating from the bottom up removing trapped air using a lambswool roller. Apply supplemental ALT R230 resin directly over the mat as required to complete saturation and allow to cure until solid.</p> <p>Base Coat: Minimum consumption of 0.19 kg/sf (2.0 kg/m²) Top Coat: Minimum consumption of 0.12 kg/sf (1.3 kg/m²)</p> <p>Laps/Seams: Maintain a minimum 2-inch (5 cm) overlap at all side laps of adjacent fleece rows and 4-inch (10 cm) overlaps at butt laps, tie-ins and flashings (reinforcing and resin).</p> <p>Curing: ALT R230 membrane is rainproof after approximately 30-minutes, and can be walked-on or top coated with aesthetic and/or skid resistant surface topcoat in approximately 45-minutes.</p>
<p>Deck Coating Wearing Layer:</p>	<p>Apply an even layer of ALT R268 Textured Coating resin using a trowel. Back roll the wet resin using a clean ALT roller pre-wetted with ALT R268 Textured Coating resin for texture and to remove trowel marks.</p> <p>Wearing Coat: Minimum consumption of 0.33 kg/sf (3.5 kg/m²)</p> <p>Curing: ALT R268 Textured Coating resin is rainproof and can be walked-on in approximately 15-minutes and can bear vehicular traffic in approximately 45-minutes.</p>
<p>Deck Coating Finish Layer: (As Required)</p>	<p>Apply proprietary aesthetic surface topcoat and sealcoat. Apply an even topcoat of ALT Finish 288 resin using a hard rubber squeegee and lambswool roller at minimum consumption of 0.07 kg/sf (0.8 kg/m²).</p> <p>Note: This topcoat is required only on primed areas to receive ALT R268 Textured Coating that will not be base-coated with ALT Finish 288 resin or as required for aesthetic surface treatment.</p> <p>Curing: ALT Finish is rainproof after approximately 30-minutes, and can be walked-on in approximately 2-hours. ALT Finish should be applied within 12-hours of the ALT R268 Textured Coating application.</p>
<p>Staging:</p>	<p>In a normal application, flashings are installed first, followed by the application of the deck coating.</p> <p>Work Interruptions: If work is interrupted for more than 12-hours, use ALT Activator to reactivate the transition area. ALT Activator should be allowed a minimum of 20-minutes evaporation time after application, and over-coated within 60-minutes of application. Re-apply ALT Activator as required to assure proper reactivation of transition areas.</p> <p>Tie-ins: For all tie-in locations, provide a minimum overlap of 4 inches (10 cm), reinforcing fabric and resin.</p>
<p>Protection:</p>	<p>Upon completion of new work (including all associated work), institute appropriate procedures for surveillance and protection of finished work during remainder of construction period. Protect all areas where membrane has been installed.</p>

DISCLAIMER

NO WARRANTY, EXPRESS OR IMPLIED, IS MADE IN THIS DOCUMENT. THE PRODUCT IS NOT CLAIMED TO BE MERCHANTABILITY OR FIT FOR ANY PARTICULAR PURPOSE. User and certified ALT Global applicators determine suitability only. See individual ALT Global product data sheets, MSDS sheets, guide specifications and details for complete information regarding the suitability, application and handling of ALT Global products.