

TRANSCOAT 3952 Polyamine Epoxy

Product Description	High solid polyamine cured epoxy lining.	
Recommended Use	Two components high solids epoxy for tank lining, interior of steel tanks, pipelines and hopper cars.	
Characteristics	<ul style="list-style-type: none"> • Tank coating with good chemical resistance against a wide range of chemicals • Good immersion resistant to water, fuel and a wide range of chemicals. • Lining for contact with dry foods. 	
Physical Data	<p>Colour</p> <p>Gloss Level</p> <p>Volume Solid</p> <p>Dry Film Thickness</p> <p>Number of Coat</p> <p>Theoretical Coverage</p> <p>Temperature Resistance</p> <p>VOC</p> <p>Flash Point</p> <p>Shelf Life</p> <p>Pack Size</p> <p style="padding-left: 20px;">5 litres unit</p> <p style="padding-left: 20px;">20 litres unit</p>	<p>Available On Request</p> <p>Satin</p> <p>Approx. 91%</p> <p>125 microns per coat</p> <p>2</p> <p>7.20 sq.m/ltr for 125 microns</p> <p>Continuous : 95^oC (dry) 50^oC (wet)</p> <p>108 g/ltr</p> <p>Base : 42^oC Hardener : 56^oC</p> <p>At least 12 months</p> <p>Base : 4 litres , Hardener : 1 litre Base : 16 litres , Hardener : 4 litres</p>
Surface Preparation	<p>Steel</p> <p>Dry abrasive blast in accordance with ISO - Sa 2.5 or SSPC - SP 10 "Near White". Blast to achieve a 25 - 50 microns anchor profile of as indicate with a Keane Tator Surface Profile Comparator.</p> <p>Remove abrasive residue or dust from surface.</p>	
Application Data	<p>Application Methods</p> <p style="padding-left: 20px;">Airless Spray</p> <p style="padding-left: 40px;">Nozzle Tip : 0.46 - 0.58 mm (0.018 - 0.023 inch)</p> <p style="padding-left: 40px;">Nozzle Pressure : 10 MPa (approx. 1400 psi)</p> <p style="padding-left: 20px;">Conventional Spray</p> <p style="padding-left: 40px;">Nozzle Tip : 1.8 - 2.0 mm (0.071 - 0.079 inch)</p> <p style="padding-left: 40px;">Nozzle Pressure : 0.3 MPa (approx. 43 psi)</p> <p>Mixing Ratio By Volume : Base : Hardener = 4 : 1</p> <p>Thinner : Thinner Trans 650</p> <p>Cleaner : Thinner Trans 120</p> <p>Surface Temperature : Should be 10^oC - 49^oC, at least 3^oC above the dew point to prevent condensation</p>	

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Drying Time	
Touch Dry	3 hours at 25 ^o C, 1.5 hours at 32 ^o C
Through Dry	24 hours at 25 ^o C, 13 hours at 32 ^o C
To Recoat	
Minimum	16 hours at 25 ^o C, 8 hours at 32 ^o C
Maximum	3 weeks
Full Cure	7 days (under ventilated conditions)
Pot Life	10 hours at 25 ^o C, 5 hours at 32 ^o C

System Compatibility

Primer

- Transcoat 3850
- Transcoat 3952
- Transcoat 640

For other suitable primers or intermediates, please consult Transcoat Protective Coating.

Safety Precaution

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use.

Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard.

Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

Disclaimer

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.
