

## TRANSCOAT 782 HB

### Coal Tar Epoxy

<b>Product Description</b>	High build polyamine cured coaltar epoxy coating.	
<b>Recommended Use</b>	For tank lining immersion or non-immersion service with broad chemical resistance.	
<b>Characteristics</b>	<ul style="list-style-type: none"> <li>• For tank lining, intermittent or continuous immersion service in crude oil, salt solution, fresh water and brackish or seawater.</li> <li>• Good resistance against chemically polluted water.</li> <li>• Easily applied on one coat thickness of 400 microns dry without sagging.</li> <li>• For marine structures, piling, hulls and ship bottoms.</li> </ul>	
<b>Physical Data</b>	<b>Colour</b>	Black and Brown
	<b>Gloss Level</b>	Satin
	<b>Volume Solid</b>	Approx. 80%
	<b>Dry Film Thickness</b>	400 microns per coat
	<b>Number of Coat</b>	1
	<b>Theoretical Coverage</b>	2.00 sq.m/ltr for 400 microns
	<b>Temperature Resistance</b>	150°C (dry) 60°C (wet)
	<b>VOC</b>	160 g/ltr
	<b>Flash Point</b>	Base : 25°C Hardener : 27°C
	<b>Self Life</b>	At least 12 months
	<b>Pack Size</b>	
	10 litres unit	Base : 7.5 ltrs , Hardener : 2.5 ltrs
	20 litres unit	Base : 15.0 ltrs , Hardener : 5.0 ltrs
<b>Surface Preparation</b>	<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 as indicated by a Keane Tator Surface Profile Comparator.</p> <p>Remove abrasive residue or dust from surface.</p>	
<b>Application Data</b>	<b>Application Methods</b>	
	Airless Spray	
	Nozzle Tip	0.46 - 0.58 mm (0.018 - 0.023 inch)
	Nozzle Pressure	10 MPa (approx. 1400 psi)
	Conventional Spray	
	Nozzle Tip	1.8 - 2.0 mm (0.071 - 0.079 inch)
	Nozzle Pressure	0.3 MPa (approx. 43 psi)
	Brush or Roller Only for touch-up	
	<b>Mixing Ratio By Volume</b>	Base : Hardener = 3 : 1
	<b>Thinner</b>	Thinner Trans 650
	<b>Cleaner</b>	Thinner Trans 120
	<b>Surface Temperature</b>	Should be 10°C - 49°C, at least 3°C above the dew point to prevent condensation

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<b>Drying Time</b>	
Touch Dry	5 hours at 25°C, 3 hours at 32°C
<b>Overcoating Interval</b>	
Minimum	5 hours at 25°C, 3 hours at 32°C
Maximum	24 hours at 25°C, 12 hours at 32°C
Full Cure	10 days at 25°C, 5 days at 32°C
<b>Pot Life</b>	4 hours at 25°C, 2 hours at 32°C

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### System Compatibility

#### Primer

- Transcoat 3252
- Transcoat 3850

#### Topcoat

- Transcoat 3252

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

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### 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.

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### 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.

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