



## TRIMITZPOX PRIMER 471

### Epoxy Primer

<b>Product Description</b>	Polyamide cured inhibitive epoxy primer.	
<b>Recommended Use</b>	Epoxy primer with recommended epoxy topcoat for the protection of steel in aggressive industrial and marine environments such as structural steel, tank exterior, bridges, chemical plants, food processing installations.	
<b>Characteristics</b>	<ul style="list-style-type: none"> <li>• Pigmented with zinc phosphate, free of lead and chrome pigment.</li> <li>• Tough epoxy film reduces cost of site touch-up by minimizing handling and erection damage.</li> <li>• Fast drying, may be topcoated in 3 hours at 25°C.</li> <li>• Good abrasion resistance which minimises mechanical damage.</li> <li>• Resists weathering without a topcoat for extended period (6 months maximum).</li> <li>• Ideal as a shopprimer.</li> </ul>	
<b>Physical Data</b>	Colour	White and Red
	Gloss Level	Flat
	Volume Solid	Approx. 49%
	Dry Film Thickness	50 microns per coat
	Number of Coat	1
	Theoretical Coverage	9.80 sq.m/ltr for 50 microns
	Temperature Resistance	Continuous : 85°C (dry) Intermittent : 123°C (dry)
	VOC	422 g/ltr
	Flash Point	Base : 47°C Hardener : 28°C
	Shelf Life	At least 12 months
	Pack Size	5 litres unit 20 litres unit
		Base : 4 litres , Hardener : 1 litre Base : 16 litres , Hardener : 4 litres
<b>Surface Preparation</b>	Dry abrasive blast in accordance with ISO - Sa 2.5 or SSPC - SP 10 "Near White". Blast to achieve an anchor profile of 25 - 50 microns as determined with a Keane Tator Surface Profile Comparator. Remove abrasive residue or dust from surface.	
<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)  <b>Mixing Ratio By Volume</b> Base : Hardener = 4 : 1 Thinner Cleaner Surface Temperature : Should be 10°C - 49°C, at least 3°C above the dew point to prevent condensation	



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#### Drying Time

Touch Dry	2 hours at 25°C, 1 hour at 32°C
Through Dry	4 hours at 25°C, 2 hours at 32°C
To Topcoat	
Minimum	4 hours at 25°C, 2 hours at 32°C
Maximum	6 months (roughened and dry)
Full Cure	7 days
Pot Life	8 hours at 25°C, 4 hours at 32°C

#### System Compatibility

##### Topcoat

- Trimitzpox 485
- Trimitzpox 483
- Trimitzpox finish 466
- Trimitzthane 580

For other suitable intermediates or topcoats, please consult Trimitz 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.