

A570-M401

SURFACE TOLERANT EPOXY MASTIC

GENERIC TYPE	Epoxy																								
DESCRIPTION	A570-M401 is a two-component high solid phenalkamine cured epoxy, it is a surface tolerant epoxy coating designed to provide long-lasting protection in environments with high corrosivity. Mainly suited for areas where optimum surface preparation is not possible or desired.																								
RECOMMENDED USE	A high performance intermediate, finish, and maintenance coating for structured steel and concrete surface, Recommended for offshore, refineries, power plants, chemical plants & buildings to a wide variety of substrates.																								
FEATURES	<ul style="list-style-type: none"> - Excellent weather ability and corrosion resistance - Excellent water and chemical resistance - Easy application properties and curing - Low VOC - Film build on sharp edges and corners 																								
PHYSICAL PROPERTIES	<table border="1"> <tr> <td>Finish</td> <td>Semi-Flat & Semi-Gloss</td> </tr> <tr> <td>Color</td> <td>Gray</td> </tr> <tr> <td>Solid by volume</td> <td>85±2%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.45±0.1 gr/cm³</td> </tr> <tr> <td>Tint Bases</td> <td>N.A</td> </tr> <tr> <td>Flash point</td> <td>>65 °C</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>100-150 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>5.66-8.50 m²/Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on the loss factor</td> </tr> <tr> <td>Touch dry</td> <td>4 hrs. at 23°C</td> </tr> <tr> <td>Dry to Handle</td> <td>24 hrs. at 23°C</td> </tr> <tr> <td>Fully cured</td> <td>1 Week. at 23°C</td> </tr> </table>	Finish	Semi-Flat & Semi-Gloss	Color	Gray	Solid by volume	85±2%	Specific Gravity	1.45±0.1 gr/cm ³	Tint Bases	N.A	Flash point	>65 °C	Recommended D.F.T.	100-150 microns	Theoretical coverage	5.66-8.50 m ² /Lit		Practical coverage depends on the loss factor	Touch dry	4 hrs. at 23°C	Dry to Handle	24 hrs. at 23°C	Fully cured	1 Week. at 23°C
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Technical Data Sheet: Ref: TDS-HPC-00030-V05

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APPLICATION

Application method	Brush, Roller, Trowel
Surface temperature	-5 -40 °C
Mixing ratio(by weight)	6:1
Packaging(A+B)	18Kg+3Kg , or 24Kg+4Kg
Hardener(B)	A275-2006-1002
Cleaner	Don't need
Pot Life	2 hrs. at 20°C
Recoat interval	Min 24 hrs.at 20°C, Max 5 days. at 20°C
Surface Temperature	3 °C min. above dew point

SURFACE PREPARATION

- All surfaces to be coated should be completely clean, dry, and free from contamination. The surface preparation method shall be by ISO 8504: 2000.
- Remove salt and other water-soluble contaminants by freshwater.
- Remove oil and grease with suitable detergent or solvent (SSPC-SP-1).

SAFETY PRECAUTIONS

Detail information is given on the Material Safety Data Sheet (MSDS). Avoid inhalation of spray mist or vapor. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. The application and handling of this product should be in compliance with relevant national regulations.

STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

SHELF LIFE

18 months from date of production.

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