

Technical Data Sheet: Ref: TDS-HPC-0001-V03

www.kansaipaint.ir

Date of issue: June 2017

A570-1017

POLYAMIDE CURED EPOXY COAL TAR PAINT

GENERIC TYPE	Epoxy																								
DESCRIPTION	A570-1017 is a two component, corrosion preventing coal tar epoxy primer.																								
RECOMMENDED USE	For protection of steel and concrete in highly aggressive conditions e.g. Marine piling, buoys, barges, sewage plant, pipe lining, bottom of oil storage tanks, ballast tanks, ships bottom paints.																								
FEATURES	<ul style="list-style-type: none"> - Excellent rust preventing - Chemical resistance against low concentrations of hydrochloric acid, sodium hydroxide, salt water, and sour crude oil - Excellent adhesion to steel and concrete - Good process ability 																								
PHYSICAL PROPERTIES	<table border="1"> <tr> <td>Finish</td> <td>Semi flat – Semi gloss</td> </tr> <tr> <td>Color</td> <td>Black</td> </tr> <tr> <td>Solid by volume</td> <td>65±2%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.35±0.1 gr/cm³</td> </tr> <tr> <td>Flash point</td> <td>29 °C</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>100-150 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>4.30-6.50 m²/Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on loss factor</td> </tr> <tr> <td>Touch dry</td> <td>6 hrs. at 20°C</td> </tr> <tr> <td>Hard dry</td> <td>24 hrs. at 20°C</td> </tr> <tr> <td>Full Cured</td> <td>7 days. at 20°C</td> </tr> <tr> <td>Thermal resistance</td> <td>Max. 140°C (dry exposure)</td> </tr> </table>	Finish	Semi flat – Semi gloss	Color	Black	Solid by volume	65±2%	Specific Gravity	1.35±0.1 gr/cm ³	Flash point	29 °C	Recommended D.F.T.	100-150 microns	Theoretical coverage	4.30-6.50 m ² /Lit		Practical coverage depends on loss factor	Touch dry	6 hrs. at 20°C	Hard dry	24 hrs. at 20°C	Full Cured	7 days. at 20°C	Thermal resistance	Max. 140°C (dry exposure)
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APPLICATION

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °C
Mixing ratio(by weight)	6:1
Packaging(A+B)	24KG+4KG
Hardener(B)	A275-2008-50
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20°C, Max 10 days. at 20°C
Pot Life	8 hrs. at 20°C
Application condition	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation Environment Temperature should be 10 °C min and 40 °C max and Relative humidity: 80% maximum.
Nozzle orifice	0.021"-0.023"
Nozzle pressure	200 bar/2900 psi Airless spray is indicative and subject to adjustment

SURFACE PREPARATION

The surface should be free from oil, grease, dust, and mill scale by solvent cleaning or high pressure fresh water hosing and finally sand blasting up to Sa2½ or SSPC-SP10.

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

12 months from date of production.

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