



kansai paint

Kansai Paint Iranian

Technical Data Sheet: Ref: TDS-HPC-0001-V02

www.kansaipaint.ir

Date of issue: June 2017

A570-1014

POLYAMINE CURED EPOXY PHENOLIC PRIMER

GENERIC TYPE	Epoxy																								
DESCRIPTION	A570-1014 is a two component, polyamine cured, modified epoxy with phenolic Novolac grade which cures to a coating with excellent resistance to a wide range of chemicals.																								
RECOMMENDED USE	As a protective coating in industrial and marine structures over concrete or metal surfaces, especially as a tank lining. Resistant to a variety of chemicals, fuel oils and solvents. As a general purpose is suitable for lining storage tanks ship tanks exposed to immersion of varieties of chemicals.																								
FEATURES	<ul style="list-style-type: none">-Excellent oil resistance-Excellent chemical resistance against acids and alkalis-Corrosion resistance in moderately to severely environment-Suitable for steel and concrete exposed to splash, spillage, fumes of corrosive chemical-Suitable as a lining in storage tanks for immersion and splash of sea water for immersion service of chemicals in liquid types																								
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Flat - Semi flat</td></tr><tr><td>Color</td><td>Upon request</td></tr><tr><td>Solid by volume</td><td>65±5%</td></tr><tr><td>Specific Gravity</td><td>1.4±0.1 gr/cm³</td></tr><tr><td>Flash point</td><td>33 °c</td></tr><tr><td>Recommended D.F.T.</td><td>100-200 microns</td></tr><tr><td>Theoretical coverage</td><td>7-3 m² / Lit</td></tr><tr><td></td><td>Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>12 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. 160° c (dry exposure)</td></tr></table>	Finish	Flat - Semi flat	Color	Upon request	Solid by volume	65±5%	Specific Gravity	1.4±0.1 gr/cm ³	Flash point	33 °c	Recommended D.F.T.	100-200 microns	Theoretical coverage	7-3 m ² / Lit		Practical coverage depends on loss factor	Touch dry	12 hrs. at 20° c	Hard dry	24 hrs. at 20° c	Full Cured	7 days. at 20° c	Thermal resistance	Max. 160° 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)	A275-2006
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20 °c, Max 7 days. at 20 °c
Pot Life	2 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	0.017"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

SURFACE PREPRATION

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 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. 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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