



kansai paint

Kansai Paint Iranian

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

www.kansai-paint.ir

Date of issue: June 2017

A570-1016

AMIN ADUCT CURED EPOXY PHENOLIC HIGH BUILD PRIMER

GENERIC TYPE	Epoxy																								
DESCRIPTION	A570-1016 is two components, amine adduct cured, and high build epoxy phenolic coating.																								
RECOMMENDED USE	As an interior lining in tanks, pipelines etc. for hot water, brine, crude oil, etc. Resistant to a variety of chemicals, fuel oils & solvent As a general purpose is suitable for lining storage tanks ship tanks exposed to immersion, splash sea mater.																								
FEATURES	<ul style="list-style-type: none">-Excellent oil resistance-Excellent chemical resistance against acids 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, on sub state exposed to immersion and splash of sea water																								
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Flat - Semi flat</td></tr><tr><td>Color</td><td>Red ,Gray ,Yellow</td></tr><tr><td>Solid by volume</td><td>85±5%</td></tr><tr><td>Specific Gravity</td><td>1.45±0.1 gr/cm3</td></tr><tr><td>Flash point</td><td>62 °c</td></tr><tr><td>Recommended D.F.T.</td><td>100-300 microns</td></tr><tr><td>Theoretical coverage</td><td>9-2.6 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. 140° c (dry exposure)</td></tr></table>	Finish	Flat - Semi flat	Color	Red ,Gray ,Yellow	Solid by volume	85±5%	Specific Gravity	1.45±0.1 gr/cm3	Flash point	62 °c	Recommended D.F.T.	100-300 microns	Theoretical coverage	9-2.6 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. 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)	A275-2005
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20 °c, Max 14 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	200 bar/2900 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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