



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A570-3005

POLYAMIDE CURED EPOXY TOP COAT

GENERIC TYPE	Epoxy																				
DESCRIPTION	A570-3005 is a two components, polyamide cured epoxy top coat.																				
RECOMMENDED USE	As a general purpose rust preventing top coat for epoxy systems, on structural steel, pipe, tanks, oil, refineries, and power plants. Chemical process plants, for immersion and non-immersion service.																				
FEATURES	<ul style="list-style-type: none">-Excellent oil resistance-Excellent chemical resistance against weak acids and alkalis-Suitable as finish coat in various epoxy paint systems-Corrosion resistance in moderately to severely environment																				
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Semi flat – Semi gloss</td></tr><tr><td>Color</td><td>Upon request</td></tr><tr><td>Solid by volume</td><td>58±5%</td></tr><tr><td>Specific Gravity</td><td>1.35±0.1 gr/cm3</td></tr><tr><td>Flash point</td><td>28 °c</td></tr><tr><td>Recommended D.F.T.</td><td>50-70 microns</td></tr><tr><td>Theoretical coverage</td><td>12.6 -7.57 m²/ Lit Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>5 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	Upon request	Solid by volume	58±5%	Specific Gravity	1.35±0.1 gr/cm3	Flash point	28 °c	Recommended D.F.T.	50-70 microns	Theoretical coverage	12.6 -7.57 m ² / Lit Practical coverage depends on loss factor	Touch dry	5 hrs. at 20°c	Full Cured	7 days. at 20°c	Thermal resistance	Max. 140°c (dry exposure)
Finish	Semi flat – Semi gloss																				
Color	Upon request																				
Solid by volume	58±5%																				
Specific Gravity	1.35±0.1 gr/cm3																				
Flash point	28 °c																				
Recommended D.F.T.	50-70 microns																				
Theoretical coverage	12.6 -7.57 m ² / Lit Practical coverage depends on loss factor																				
Touch dry	5 hrs. at 20°c																				
Full Cured	7 days. at 20°c																				
Thermal resistance	Max. 140°c (dry exposure)																				



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

APPLICATION

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °c
Mixing ratio(by weight)	5:1
Packaging(A+B)	20KG+4KG
Hardener(B)	A275-2008-50
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20 °c, Max 7 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	0.017"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

SURFACE PREPRATION

The surface should be clean, dry and free from oil , grease , salt and other foreign materials .

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.

DISCLAIMER: The information given on this sheet is to the best of our knowledge and accurate at the time of issuing. Since conditions of use are beyond the manufacturer's control information contained herein is without warranty implied or otherwise and the suitability of the material for the use contemplated is the sole responsibility of the buyer. The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.