



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A322-3005

ALKYD URETHANE TOP COAT

GENERIC TYPE	Alkyd																				
DESCRIPTION	A322-3005 is on the basis of aliphatic poly – isocyanate modified alkyd which known as alkyd urethane topcoat.																				
RECOMMENDED USE	Is used as top coat for furniture, gymnasium floor, industrial floor, concrete floor & steel structures. Generally it is used as a high grade anti – corrosion paints.																				
FEATURES	<ul style="list-style-type: none">-Rapid drying with high hardness-Very good film elasticity-Good abrasion Resistance and high gloss-Possess good resistance to chemicals and water-Impart greater toughness and quicker set up characteristics																				
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Semi-gloss - Gloss</td></tr><tr><td>Color</td><td>Upon Request</td></tr><tr><td>Solid by volume</td><td>53±5%</td></tr><tr><td>Specific Gravity</td><td>1.25±0.1 gr/cm3</td></tr><tr><td>Flash point</td><td>31 °c</td></tr><tr><td>Recommended D.F.T.</td><td>40-60 microns</td></tr><tr><td>Theoretical coverage</td><td>14.5-8 m² / Lit Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>2 hrs. at 20°c</td></tr><tr><td>Hard dry</td><td>24 hrs. at 20°c</td></tr><tr><td>Thermal resistance</td><td>Max. 100°c (dry exposure)</td></tr></table>	Finish	Semi-gloss - Gloss	Color	Upon Request	Solid by volume	53±5%	Specific Gravity	1.25±0.1 gr/cm3	Flash point	31 °c	Recommended D.F.T.	40-60 microns	Theoretical coverage	14.5-8 m ² / Lit Practical coverage depends on loss factor	Touch dry	2 hrs. at 20°c	Hard dry	24 hrs. at 20°c	Thermal resistance	Max. 100°c (dry exposure)
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APPLICATION

Application method	Air/Airless spray, Brush ,Roller
Surface temperature	10-40 °c
Mixing ratio	Single pack
Packaging	20kg
Thinner/Cleaner	A840-0322-1
Recoat interval	Min 24 hrs. at 20° c Max 30 days at 20° c Recoating intervals related to later conditions of exposure
Pot Life	N/A
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 must be undamaged, dry and free from any contamination such as grease, dust, salt and loose paint.

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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