



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A322-3003

ALKYD HIGH GLOSS TOP COAT

GENERIC TYPE

Alkyd

DESCRIPTION

A322-3003 is a general purpose glossy topcoat based on long oil alkyd resin, which form a weather resistant coating.

RECOMMENDED USE

As a high gloss finish coat over alkyd primed industrial steel surfaces such as industrial engines, automobiles, wagons, containers etc.

FEATURES

- Good gloss and color retention
- Excellent spray ability
- Excellent flexibility
- Good resistance in mildly to moderately corrosive environments

PHESICAL PROPERTIES

Finish	Gloss - High gloss
Color	Upon Request
Solid by volume	53±5%
Specific Gravity	1.15±0.1 gr/cm ³
Flash point	36 °c
Recommended D.F.T.	40-60 microns
Theoretical coverage	14.5-8 m ² / Lit
	Practical coverage depends on loss factor
Touch dry	12 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
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	0.019"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

SURFACE PREPRATION

For new steel abrasive blasting to minimum Sa2, alternatively power tool cleaning to St-3. For maintenance remove oil and grease and any other contaminants by suitable detergent and consequently by high-pressure fresh water cleaning .Remove all rust and loose material by abrasive blasting or power-tool cleaning, dust off residues before painting.

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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