



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A322-3004

ALKYD BAKING ENAMEL

GENERIC TYPE	Alkyd																						
DESCRIPTION	A322-3004 is a baking glossy topcoat based on a modified alkyd resins.																						
RECOMMENDED USE	For use on metal surfaces where a hard glossy & adherent oily finish coat is required, especially in home appliances.																						
FEATURES	<ul style="list-style-type: none">-High gloss and color retention-Excellent spray ability-High adhesion to different metallic surfaces-Excellent flexibility-Usable as electrostatic enamel																						
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>55±5%</td></tr><tr><td>Specific Gravity</td><td>1.2±0.1 gr/cm³</td></tr><tr><td>Flash point</td><td>31 °c</td></tr><tr><td>Recommended D.F.T.</td><td>30-60 microns</td></tr><tr><td>Theoretical coverage</td><td>20-8 m² / Lit</td></tr><tr><td></td><td>Practical coverage depends on loss factor</td></tr><tr><td>Flash off</td><td>15 min.at 25 °c</td></tr><tr><td>Staving condition</td><td>Temp :160 °c</td></tr><tr><td></td><td>Time :15-20 min</td></tr></table>	Finish	Semi-gloss - Gloss	Color	Upon Request	Solid by volume	55±5%	Specific Gravity	1.2±0.1 gr/cm ³	Flash point	31 °c	Recommended D.F.T.	30-60 microns	Theoretical coverage	20-8 m ² / Lit		Practical coverage depends on loss factor	Flash off	15 min.at 25 °c	Staving condition	Temp :160 °c		Time :15-20 min
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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	Wet on wet or after partially curing Max 30 days at 20° c
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

The surface must be clean, dry and free from oil, grease, rust, mill-scale, and any other contaminations.

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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