

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

www.kansaipaint.ir

Date of issue: June 2017

A414-3007

POLYURETHANE TOP COAT

GENERIC TYPE	Polyurethane																								
DESCRIPTION	A414-3007 is a high solid two components, very high erosion resistance traffic paint.																								
RECOMMENDED USE	As a high performance, high solid, chemically curing, with excellent abrasion resistance traffic paint particularly designed for Airport site , Pulp and paper, food and beverage plants, bridge and Marine steel structures, decks, boot tops, topsides and super structures on ships, barge and offshore platforms.																								
FEATURES	<ul style="list-style-type: none"> -High performance -Excellent abrasion & erosion resistance -Excellent chemical & water resistance -Excellent adhesion on asphalt & concrete substrates -Excellent stain resistance & dust repellent 																								
PHESICAL PROPERTIES	<table border="0"> <tr> <td>Finish</td> <td>Semi flat – Semi Gloss</td> </tr> <tr> <td>Color</td> <td>White-Red-Yellow-Black</td> </tr> <tr> <td>Solid by volume</td> <td>93±5%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.3±0.1 gr/cm3</td> </tr> <tr> <td>Flash point</td> <td>>80 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>300-600 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>3.33-1.5 m² / Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on loss factor</td> </tr> <tr> <td>Touch dry</td> <td>20 min. at 20°c</td> </tr> <tr> <td>Hard dry</td> <td>2 hrs. at 20°c</td> </tr> <tr> <td>Full Cured</td> <td>3 days. at 20°c</td> </tr> <tr> <td>Thermal resistance</td> <td>Max. 120°c (dry exposure)</td> </tr> </table>	Finish	Semi flat – Semi Gloss	Color	White-Red-Yellow-Black	Solid by volume	93±5%	Specific Gravity	1.3±0.1 gr/cm3	Flash point	>80 °c	Recommended D.F.T.	300-600 microns	Theoretical coverage	3.33-1.5 m ² / Lit		Practical coverage depends on loss factor	Touch dry	20 min. at 20°c	Hard dry	2 hrs. at 20°c	Full Cured	3 days. at 20°c	Thermal resistance	Max. 120°c (dry exposure)
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APPLICATION

Application method	Hot Twin feed Airless spray
Surface temperature	10-40 °c
Mixing ratio(by weight)	Refer to the can label
Thinner/Cleaner	Don't need
Recoat interval	Min 2 hrs.at 20°c, Max 3 days. at 20°c
Pot Life	1 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.

SURFACE PREPRATION

Surface of asphalt or concrete should be clean & free from oil, dust, grease, salt, & must be completely dried.

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

6 months from date of production.

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