



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A903-1003

VINYL ETCHING (WASH) PRIMER

GENERIC TYPE	Vinyl																				
DESCRIPTION	A903-1003 is a two component etch primer based on polyvinyl butyral and corrosion inhibitive pigments as well as phosphoric acid.																				
RECOMMENDED USE	As a pre-construction primer and suitable for nonferrous surfaces such as galvanized, steel and aluminum, to improve performance of subsequent coats.																				
FEATURES	<ul style="list-style-type: none">-Excellent adhesion to nonferrous surfaces-Fast drying, permitting immediate handling-High corrosion resistance-Compatibility with a wide range of topcoats																				
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Flat</td></tr><tr><td>Color</td><td>Yellow</td></tr><tr><td>Solid by volume</td><td>15±5%</td></tr><tr><td>Specific Gravity</td><td>0.9±0.1 gr/cm³</td></tr><tr><td>Flash point</td><td>19 °c</td></tr><tr><td>Recommended D.F.T.</td><td>5-15 microns</td></tr><tr><td>Theoretical coverage</td><td>40-6.6 m² / Lit Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>15 min. at 20°c</td></tr><tr><td>Hard dry</td><td>2 hrs. at 20°c</td></tr><tr><td>Thermal resistance</td><td>Max. 80°c (dry exposure)</td></tr></table>	Finish	Flat	Color	Yellow	Solid by volume	15±5%	Specific Gravity	0.9±0.1 gr/cm ³	Flash point	19 °c	Recommended D.F.T.	5-15 microns	Theoretical coverage	40-6.6 m ² / Lit Practical coverage depends on loss factor	Touch dry	15 min. at 20°c	Hard dry	2 hrs. at 20°c	Thermal resistance	Max. 80°c (dry exposure)
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APPLICATION

Application method	Air/Airless spray, Brush ,Roller
Surface temperature	10-40 °c
Mixing ratio(by weight)	4:1
Packaging	12KG+3kg
Thinner/Cleaner	A840-0903
Recoat interval	Min 24 hrs. at 20°c Max 3 Days. at 20°c Recoating intervals related to later conditions of exposure
Pot Life	5 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 must be clean, dry and free from any contamination such as grease, rust, mill scale, salt and so on.

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

3 months from date of production.

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