



PRODUCT DATA SHEET

KOSURETHANE VANISH PUV-3050

(TWO-PACK ALIPHATIC POLYURETHANE CLEAR VANISH)

DESCRIPTION

A highly durable, two-pack polyurethane clear vanish suitable for interior and exterior exposure. It provides excellent gloss and gloss retention, when cured it formed a very tough and durable coating with good resistance against the spillage of oil and chemicals, it has excellent flow properties and provides a brilliant elastic firm. This product is suitable to use on exterior rod iron steel, wood, or pebble wash floor varnish and etc.

PHYSICAL PROPERTIES

Colour	: Clear
Specific gravity	: $0.98 \pm 0.02 \text{ gm/cm}^3$
VolumeSolid	: $42 \pm 5\%$
VOC	: 445 gr/litre
Touch dry	: 1 hour (at 30°C)
Dry to handle	: 12 hours (at 30°C)
Recoating time	: Min. 6 hours, Max. Unlimited.
Flash point	: $>25^\circ\text{C}$

SURFACE PREPARATION

Steel surface : The surface should be dry and free from contaminants prior to overcoating. The best intercoat adhesion is achieved when the subsequent coats is applied before the preceding coat is fully cured. After prolong exposure times it may be necessary to roughen the surface to ensure intercoat adhesion.

Wooden surface : should be thoroughly clean to remove dusts, dirt, oil, and other contaminants. surface to be painted must be dry thoroughly prior to painting. To achieved best finished quality fine sanding is recommended and multi-coat is required.

KOSSAN PAINT (M) SDN.BHD

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F.R.P Surface : should be thoroughly clean to remove wax, oil, water and other contaminants. slight sanding to roughen the surface is always recommended. After sanding on the surface make sure surface are free from dusts and dirt prior to painting.

MIXING / APPLICATION DATA

Mixing Ratio (A / B) : 4 to 1 by volume

Guiding data Airless Spray : Pressure at nozzle :min.150 bar. Nozzle size : 0.38-0.58mm.
Spray angle 40-80 degrees.
Volume of thinner required : 0-5%

Application by Air Spray : Pressure at nozzle : 3-5 bar. Nozzle size : 1.2-1.5mm
(Conventional Spray) Volume of thinner required : 10-15%

Application by Brush / Roller : Suitable
Volume of thinner required : 5-10%

Thinner / Cleaner : Kossan P.U thinner 6.04
Recommended wft : 84 μ m
Recommended dft : 35 μ m

CONDITIONS

Humidity : below 90% R.H.

Temperature of the paint before application : min.10°C, max. 40°C.

Substrate temperature min. 5°C, max. 50°C. The temperature of the substrate should be at least 3°C above the dew point of the air. Air temperature and relative humidity should be measured in the vicinity of the substrate.

THEORITICAL COVERAGE & PACKING SIZE

Coverage : 12.0 m²/litre per coat.
Packing Size : 1 litre-set & 5 litre-set

STORAGE

KOSURETHANE VARNISH PUV-3050 has a minimum self-life of 12 months at cool and dry place. Containers must be kept tightly closed.

HEALTHY & SAFETY

Avoid skin and eyes contact by wearing suitable overalls, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

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DISCLAIMER

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factor affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product data without notice.

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