



PRODUCT DATA SHEET

KOSKYD K91-SERIES

ALKYD HIGH GLOSS FINISH

DESCRIPTION

KOSKYD K91-Series is an alkyd high gloss finish provides fungus resistance, excellent gloss and colour retention for interior and exterior steel and wooden surfaces. Apply on suitable primers and undercoats (Alkyd Red Oxide Primer 1.22E ; Alkyd Z/P primer 1.24, Modified alkyd Z/P Primer FDP-002ST and Undercoat 3.21) is recommended.

PHYSICAL PROPERTIES

Colour	: Standard Colour & Kossan Colour Gallery.
Specific Gravity	: 0.93 – 1.07 gm/cm ³
Solid Content	: 50 ± 5% by volume.
Voc	: 420 gr/litre depend on colour
Touch Dry	: 2-4 hours (at 30°C)
Hard Dry	: 8 hours (at 30°C)
Recoating Time	: Min. 12 hours Max. unlimited
Flash Point	: >30°C

SURFACE PREPARATION

Steel & Wooden Substrates : All loosely attached paint layer must first be remove by paint remover; scrapping ; machanical grinding or sanding, removed oil ; greases; dirt and other contaminants prior to painting. Corroded and / or damaged areas should be repaired first with an appropriate filler and primer system.

MIXING / APPLICATION DATA

Guiliding data Airless Spray : Pressure at nozzle : 120-150 bar. Nozzle size : 0.38-0.48mm.
Spray angle 40-80 degrees.
Volume of thinner required : 0-5%

Application by Air Spray : Pressure at nozzle : 3-4 bar. Nozzle size : 1.2-2.0mm
(Conventional Spray) Volume of thinner required : 0-5%

KOSSAN PAINT (M) SDN.BHD

1 Jalan Koporat 1/KU 9, Taman Perindustrian Meru, 42200 Kapar, Selangor D.E Malaysia
Tel.603 33922799; Fax. 603 33923799; e-mail sales@kossanpaint.com.my ; Web-site : www.kossanpaint.com

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

Thinner / Cleaner : Kossan Standard thinner 6.00 or Special thinner 6.01

PAINTING SYSTEM

Steel :

- 1st Coat Koskyd Zinc Phosphate Primer 1.24 x 1 coat @ 45 μ dft.
- 2nd Coat Koskyd Undercoat White 3.21 x 1 coat @ 35-45 μ dft.
- 3rd Coat Koskyd K91- Series x 1-2 coats @ 35 μ dft each.

Wood :

- 1st Coat Koskyd Undercoat White 3.21 x 1 coat @ 35-45 μ dft.
- 2nd Coat Koskyd K91-Series x 1-2 coats @ 35 μ dft each.

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 : 17.14m²/Liter per coat.

Packing Size : 1 Liter; 5Liter & 20Litre

STORAGE

KOSKYD K91-Series have 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.

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.

KOSSAN PAINT (M) SDN.BHD

1 Jalan Koporat 1/KU 9, Taman Perindustrian Meru, 42200 Kapar, Selangor D.E Malaysia
Tel.603 33922799; Fax. 603 33923799; e-mail sales@kossanpaint.com.my ; Web-site : www.kossanpaint.com