



PRODUCT DATA SHEET

KOSRAPID ZP PRIMER FDP-002ST

QUICK DRYING ZINC PHOSPHATE PRIMER

DESCRIPTION

A very quick drying lead free modified alkyd primer pigmented with zinc phosphate and other anticorrosive pigments for the protection of steel structures against corrosion in industrials and marine environments. The product offers good leveling properties and adheres well on power tool prepared substrates, it can be overcoated with all range of Kossan alkyd products. This product is not suitable for constant immersion in water.

PHYSICAL PROPERTIES

Colour	: Light Grey / matt
Specific Gravity	: $1.27 \pm 0.02 \text{ gm/cm}^3$
Solid Content	: $45 \pm 5\%$ by volume.
VOC	: Approx. 520 gr/litre
Touch Dry	: 5-10 minutes (at 30°C)
Hard Dry	: 45 minutes (at 30°C)
Recoating Time	: Min. 12 hours Max. unlimited
Flash Point	: $>21^\circ\text{C}$

SURFACE PREPARATION

Steel Substrate : All loosely attached paint layer must first be remove by paint remover; scrapping ; mechanical 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

Guiding data Airless Spray	: Pressure at nozzle : 120-150 bar. Nozzle size : 0.38-0.53mm. Spray angle 40-80 degrees. Volume of thinner required : 5 parts of paint to 1 part of thinner.
Application by Air Spray (Conventional Spray)	: Pressure at nozzle : 3-5 bar. Nozzle size : 1.2-2.0mm Volume of thinner required : 5 parts of paint to 1 part of thinner.
Spray Viscosity	: 24-28 seconds (Din Cup No.4 at 30°C).

Application by Brush / Roller : Suitable
Volume of thinner required : 0-5%

Thinner / Cleaner : Kossan Special thinner 6.01

Recommended wft : 78-167µm

Recommended dft : 35-75 µm

CONDITIONS

Humidity : below 90% R.H.

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

Substrate temperature min. 5°C, max. 45°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 : 12.86-6.00 m²/litre per coat.

Packing Size : 5 Litre & 20 Litre

STORAGE

KOSRAPID ZP PRIMER FDP-002ST 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 Jln Koporat 1/KU 9, Taman Perindustrian Meru, 42200 Kapar, Selangor D.E Malaysia

Tel.603 33922799 ; Fax. 603 33923799 ; e-mail lskheong@kop.com.my