



## PRODUCT DATA SHEET

## KOSETCHING PVB PRIMER KPC-100

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(TWO-PACK POLYVINYL BUTYRAL ETCHING PRIMER)

#### DESCRIPTION

A two-pack polyvinylbutyral etch primer with zinc chromate and phosphoric acid. It is suitable as pre-treatment primer for steel and non-ferrous metals such as aluminium and galvanized substrates. It can be overcoated with all paints except for inorganic zinc silicates.

#### PHYSICAL PROPERTIES

Colour	: Yellowgreen
Specific gravity	: $0.90 \pm 0.02 \text{ gm/cm}^3$
Solid content	: 11 by volume.
Voc	: 708 gr/litre
Touch dry	: 3 minutes ( at 30°C )
Dry to handle	: 15 minutes ( at 30°C )
Recoating time	: Min. 2 hours.
Flash point	: >7°C

#### SURFACE PREPARATION

**Steel surfaces** : Oil and grease should be removed by solvent cleaning according to SSPC-SP1. Remove weld spatter and smooth weld seams and sharp edges as applicable. Abrasive blasting: min. Sa2 – ISO 8501:1.

**Aluminimu** : Solvent cleaning according to SSPC-SP1 followed by light blast cleaning with a fine grade abrasive or by chemical etching.

**Galvanized / Zinc primed steel** : Remove zinc salts by power- or hand tool cleaning. Solvent cleaning according to SSPC-SP1.

#### MIXING / APPLICATION DATA

Guiliding data Airless Spray : Pressure at nozzle :min.150 bar. Nozzle size : 0.20-0.40mm.  
Spray angle 40-80 degrees.  
Volume of thinner required : 10-15%

#### KOSSAN PAINT (M) SDN.BHD

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Application by Air Spray : Pressure at nozzle : 3-4 bar. Nozzle size : 1.0-1.5mm  
( Conventional Spray ) Volume of thinner required : 20-30%

Application by Brush / Roller : Suitable  
Volume of thinner required : 5-10%  
Thinner / Cleaner : Kossan PVB thinner 6.02  
Recommended wft : 1 coat x 83  $\mu$ m  
Recommended dft : 1 coat x 10  $\mu$ 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 m<sup>2</sup>/litre per coat.  
Packing Size : 5 litre

### STORAGE

KOSETCHING PVB PRIMER KPC-100 have a minimum self-life of 12 months at cool and dry place. Containers must be kept tightly closed.

### HEALTY & 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.

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