



## PRODUCT DATA SHEET

### **KOFIL**

### **KOSSAN MARINE EPOXY FILLER**

#### **DESCRIPTION**

KOFIL High performance two-pack epoxy filler for filling, repair and fairing works, it provides good anti slump properties and offers easy sanding properties. This product has high compressive strengths, cured with negligible shrinkage and is resistance to chemical and physical attack.

#### **USES**

- ❑ Protecting exposed reinforcement, reinstating damaged arrises and repairing damaged precast concrete, steel, and wooden surfaces.
- ❑ Gaps filling for wooden & concrete joint.

#### **COLOUR**

Part A : White Paste & Part B : White Paste

#### **PHYSICAL PROPERTIES**

Binder	: Epoxy Resin
Pigmentation	: Heavy Filled
Specific Gravity	: 1.18±0.02 kg/L.
Mixing Ratio (Part A/Part B)	: 2/1 by volume.
Volume Solids	: 100%.
Stability	: Indefinite
Initial Cured	: 24 hours
Full Cured	: 7 days
Recoating Time	: 24 hours
Self-life	: >12 Months
Pot-life at (100gms)	: Approx. 90 minutes (at 20°C), 30 minutes (at 30°C). (Higher ambient temperature will shorter the pot-life)

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

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## **SUBSTRATE PREPARATION**

- ❑ Metal surfaces should be roughened or preferably grids or sand blast to Sa 2.5, Timber should be thoroughly sanded and chamfered to both edges at 45° angle is preferred. Concrete surfaces should be scabbed, wire brushed and wash with clean water and allowed to dry thoroughly before application.
- ❑ Thoroughly clean surfaces to remove all traces of surface laitance, loose material, marine growth, rust, scale, dust, debris and other contaminants.

## **MIXING / APPLICATION**

- ❑ Mixed Part A and Part B according to the ratio (2:1 by volume) than mixed thoroughly until colour is uniform and homogenous mixture.
- ❑ This product is designed for application by spatula, putty knife or trowel. Use paper tape along the both sides of the gaps to obtain good strength filling it is recommended to fill the gaps properly by squeeze the glue into the gap till it is full and remove excessive glue by scraper. Remove the paper tape along the both side immediately after the gap is filled. It is recommended to roughen the surface if over coating is required.
- ❑ Clean all equipment immediately after used with KOSSAN Epoxy Thinner 6.03.
- ❑ Coverage : Depend on the gaps size to be filled.
- ❑ Dilution : Not Recommended
- ❑ Cleaning Thinner : Epoxy Thinner 6.03.

## **PACKAGING**

Packing Size : 1.75kg/set ; 7.00kg/set.

## **STORAGE**

KOFIL has a minimum self-life of 12 months at cool and dry place.

## **HEALTH & SAFETY**

Kossan Marine Epoxy Filler contains epoxy resin & polyamide which may cause skin sensitization in certain individuals. Handle with care & used disposable rubber gloves during works. Skin & eyes contact should be avoid, Spillage on the skin should be immediately removed by clean cloths and thorough washing with lukewarm, water and soap.

## **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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