

### KEMAPOXY SF

High build, solvent-free epoxy coating for Wall and floors.

#### Description:

- **KEMAPOXY SF** is good quality colored solvent free epoxy coating, two components, used for producing a good -quality epoxy coating for wall and floor surface, where it is based on solvent free epoxy resin, special curing agent and selected pigments that are specially selected for their ability to withstand abrasion and chemical attack.

#### Fields of Use:

- **KEMAPOXY SF** is used for producing high quality epoxy coating wall and floor area in:
  - 1- Coating for wall and flooring of industrial plants, workshops, laundries, Storage logistic areas, garages, steel tanks and pipes.
  - 2- Bottling plants.
  - 3- Pharm. industries.
  - 4- Cosmetic firms.
  - 5- Underground car Parks.

#### Advantages:

- 1- Easy and fast to apply.
- 2- Adhere firmly to metallic and concrete surfaces.
- 3- Has no harmful effect.
- 4- Solvent free – no odor during application.
- 5- Good resistance for abrasion, chemicals.
- 6- Anti-microbial growth.
- 7- Can be used for producing anti-slip flooring.

#### Technical Characteristics: (at 25 °C)

Colour	White, grey and our catalogue colors
Solid content	100 %
Density	1.60 ± 0.05 kg/L
Mixing ratio A: B (by weight)	5 : 1
Pot life	30 min (decreases at higher temperatures)
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 days
Recoating time	18 - 24 hours
Min. application temperature	10°C
Thinner	Kemsolve 3 or (Kemsolve 4 not more than 4%)
Rate of use (theoretical)	4 - 5 m <sup>2</sup> / kg / coat - 140 μ

#### Direction for Use :

##### A - Surface preparation:

- The substrate must be clean, sound and free from all contaminants that may have an effect on the adhesion strength like dust, oils & grease, wax, cement laitance, and any other contaminants must be removed by blasting or suitable release agent.
- New concrete should be at least 28 days old.
- The surface moisture should be less than 4 %.
- Holes should be filled with KEMA PUTTY 133.
- Concrete surface should be primed with KEMAPOXY 101.
- Steel surface should be primed after blasting with good anti-corrosion epoxy primer like KEMAPOXY 131 or KEMAPOXY 131 ZNP /S.
- The primer should be left to achieve a tack-free condition before applying the topcoat.

# Protective Coating Products

## Epoxy Paints

### **B - Mixing & Application the top coat :**

- Mix well the two components of KEMAPOXY SF using a slow speed mixer ( 300 r.p.m ).
- Coating should be applied using a medium haired pile roller or squeegee to achieve a continuous coating.
- Apply one or more coats according to the required thickness. at least 18 hours should elapse between successive coats.
- To obtain a skid – resistant flooring a layer of Epoxy filler is sprinkled on the primed surface , or on the first coat while still wet .then apply the final coat of KEMAPOXY SF
- Clean tools directly after use by KEMSOLVE 1.

**N.B.** To avoid color deviation from one batch to another, only use the same batch number in the same area, In the case of necessity to work with a different batch, apply one package and the color is checked before working with the rest of the quantity.

### **Safety Precautions:**

- Application should be carried out in well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water.
- Don't use solvent
- If the material is splashed into the eyes,they should be immediately washed with water and then report to an eye specialist.
- Don't eat or smoke during application.

### **Storage:**

- 2 years under suitable storage conditions in a closed containers.

### **Packages:**

- Kits (A + B) 1 Kg and 4 Kg .

\*\* Follow the mixing ratios by weight as indicated on the package.



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