

Kemapoxy SL 3

Self – Leveling Flooring Epoxy for 1-4 mm Application.

Description:

- **KEMAPOXY SL 3** is a solvent free self-leveling flooring epoxy system; contains three components, used for producing a high –quality epoxy self –leveling flooring with different thickness 1- 4 mm , where it is based on solvent free epoxy resin , special curing agent and special selective fillers with selective grades ,that are specially selected for their ability to withstand chemical attack and abrasion.

Fields of Use:

- **KEMAPOXY SL 3:** is used for producing high quality self-leveling epoxy flooring for :
 - 1- Chemical industries.
 - 2- Bottling plants.
 - 3- Food, Pharm. industries.
 - 4- Cosmetic firms.
 - 5- Underground car Parks.
 - 6- Storage and logistic areas.

Advantages:

- Easy and fast to apply.
- Self – smoothing surface.
- Durable, low maintenance costs.
- Solvent free – no odor during application.
- Good resistance for abrasion, adhesion, chemicals and petroleum products.
- Anti-microbial growth.
- Can be used for producing anti-slip flooring.

Technical Data : (at 25 °C)

Colour	grey , beige , other required colors
Solid content (by weight)	100 %
Density	1.70 ± 0.05 kg/l
Mixing ratio A : B (by weight)	2 A : 1 B : 4.8 C , (1 Epoxy (A+B) : 1.60 C)
Pot life	30 minutes (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 3%)
Rate of use (theoretical)	3.4 kg/m ² /2mm. thickness

Directions for Use:

- 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 and 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** or **KEMAPOXY 101 SF** or **KEMAPOXY 150** before application of the top coat.

Protective Coating Products

Epoxy Paints

Directions for Use: (Continued)

- Mixing & Application the top coat :

- Add **comp B** to **comp A** in empty clean container (with suitable volume to containing three components) and mix well then add **comp C** on the mixture step by step and stirring during addition of **comp C**. Stirring after finish adding of **comp C** by using slow mixer 300rpm / min till obtaining homogenous mortar.
- **KEMAPOXY SL 3** is poured on the primed surface and spread with a steel trowel to achieve a 2-4mm seamless topping.
- Using a spiked roller , remove air entrained and allow curing
- **KEMAPOXY SL 3** should be applied by specialist contractors who must follow the procedures laid down in the product application guide.
- **KEMAPOXY SL 3** may be diluted by **KEMSOVE 3** not more than 3 % if required.
- 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.
- If the material is splashed into the eyes, they should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke during application.

Storage:

- 2 years under suitable storage conditions in closed containers.

Packages:

- Kits (A + B + C) 13 kg.
- Follow the mixing ratios - by weight - indicated on the package.