

SL 03 EPOXY



DESCRIPTION

Epoxy-based, Two component self-leveler.

CHARACTERISTICS

SL 03 EPOXY is a cement-based, and epoxy-based resins, leveling product, and free of solvents. It offers the following advantages:

- Excellent mechanical resistance.
- Very good adhesion with the area where it is applied
- High resistance to moisture.
- Excellent leveling qualities.
- No corrosive effect.

It is classified as CT - C50 - F10 - AR0,5 according to EN 13813.

RECOMMENDATIONS FOR USE

SL 03 EPOXY is used for repairs and leveling in surfaces that will be used for: polyurethane coating, PVC flooring, laminate wood flooring, etc. SL 03 EPOXY is applied when the concrete is relatively fresh, in order to create the appropriate surface (at least, with 2mm thickness) for the application of epoxy layers, thus avoiding problems with detachment, etc. it is also suitable as a final layer, in a thickness of 3mm, for smooth surfaces, and to increase the surface's resistance towards mechanical loads.

TECHNICAL DATA

Form:	Component A Paste Component B Liquid Component B Powder
Colour:	According RAL
Mixture ratio:	5A : 1B : 25 C
Density Comp A:	1.65 ± 0.10 Kg/l
Density Comp B:	1.05 ± 0.10 Kg/l
Open time:	Approximately 1 hour
Adhesion strength (EN 13892-8):	4.2 N/mm ²
Compressive strength(EN 13892-2):	
• After 4 hours:	20 N/mm ²
• After 24 hours:	40 N/mm ²
• After 7 days:	69 N/mm ²
• After 28 days:	104 N/mm ²
Flexural Strength (EN 13892-2):	
• After 4 hours:	12 N/mm ²
• After 24 hours:	37 N/mm ²
• After 7 days:	59 N/mm ²
• After 28 days:	74 N/mm ²
Abrasion resistance:	
• After 28 days:	≤ 50 µg
Shrinkage (EN 13872):	
• After 28 days:	max 0.25 mm/m

SURFACE PREPARATION

Surface where the product will be applied should be:

- Stable and dry, or slightly moist
- Clean, free of materials that prevent adhesion, such as dust, loose particles, fats, etc. In very porous or absorbent surfaces, treat them with a water-based epoxy primer as it is or diluted with water. The primer is applied with brush or roller in one layer.

MIXING PREPARATION

Components A and B are packed in predetermined mixing proportions. First, component A should be stirred very well in its container then it should be moved to a clean container of approximately 30 liters volume. After that, the entire quantity of component B should be added to component A. The mixing of the two components should continue for about 30 seconds, with a low- speed mixer (300 rpm). It is important to stir well near the sides and bottom of the bucket, in order to achieve a uniform spreading of the solidifier.

APPLICATION

SL 03 EPOXY should be applied at a thickness up to 3 mm using a notched screed. In order to remove air within the self-leveling layer, run a special barbed roller onto the surface. This prevents the formation of bubbles and helps in achieving a uniform thickness.

CLEANING OF TOOLS

Tools should be cleaned immediately with water after usage. The hardened material can only be removed mechanically.

STORAGE

24 months from manufacture date, if stored in its original and unopened packaging. Protect it from direct exposure to the sun and from frost.

PACKAGING

2Kg (comp. A) 6Kg (comp. B) plastic buckets and 25Kg paper bags

CONSUMPTION

200 - 300 g/m².

HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advice immediately and show the contents of the container. Do not dispose the product into drains.

