

EPOFLOOR FG-8700



Unit of measurement	Pieces/Pallet	Consumption	Color/other specifications
5 kg/bucket 15 kg/bucket	36 pcs/pallet 12 pcs/pallet	1.5 kg/m ² /mm -	on Request



EPOFLOOR FG 8700

Epoxy-based, Two component self-leveler.

DESCRIPTION

EPOFLOOR FG – 8700 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.
- It has excellent leveling qualities.
- No corrosive effect.

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

AREA OF APPLICATION

EPOFLOOR FG – 8700 is used for repairs and leveling in surfaces that will be used for: polyurethane coating, PVC flooring, laminate wood flooring, etc. EPOFLOOR FG – 8700 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.

INSTRUCTIONS FOR USE

1. Surface

Surface where the product will be applied should be:

- Stable and dry, or slightly moist, free of water presence
- Clean, free of materials that prevent adhesion, such as dust, loose particles, fats, etc. In very porous or absorbent surfaces, treat them with the water-based epoxy primer EPOXY PRIMER W – 4000 as it is or diluted with water. The primer is applied with brush or roller in one layer.

Consumption: 200 - 300 g/m².

Application of EPO - FLOOR FG - 8700 depends on the time when the primer is suitable to be trafficable.



MIXING

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 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.

MANNER OF APPLICATION

EPOFLOOR FG – 8700 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.

PACKAGING

EPOFLOOR FG - 8700 is available in 5 Kg and 15 kg (A+B) packaging

SHELF-LIFE 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.



TECHNICAL DATA

Chemical base (A+B)	bi-component epoxy resin
Density A	1,096 Kg/l
Density B	1,025 Kg/l
Density (A+B)	2,06 Kg/l
The mixing ratio (A:B)	1: 3 of weight
Pot life	approx. 30 min in +20°C
Minimal temperature for solidification	+8°C
Moisture diffusion coefficient	Sd = 0,75 (EN ISO 7783 - 1 / 2)
Trafficability	after 15 hours at +23°C
Final Resistance	after 7 days at +23°C
Resistance to compression	70 N/mm ² (EN 13892 - 2)
Flexural resistance	20 N/mm ² (EN 13892 - 2)
Adhesion strength	>4 N/mm ²
Maximal thickness	3 mm

NOTE!

- The product's working time reduces when temperatures rise
- The surface of EPO - FLOOR FG - 8700 after application should be protected from moisture for 24 hours. Moisture can whiten the surface or make it adhesive. Moisture can also damage solidification
- Damaged layers in the parts of surface should be removed by scraping and re-applying the product.
- In cases when the timing between the application of consecutive layers gets longer than predicted or in cases when the old layers need to be coated again, then the surface should be cleaned very well before the application of the new layer.
- After solidification, EPOFLOOR FG 8700 is totally harmless.
- Prior to application, consult the data written at the product's label.