

RESURFACING epoxy mortar for ground levelling fast recoverable

Packaging :

RESURFACING	For 1 kit	Sales unit
Binding FB67	2.60 kg of resin FB67 1.00 kg of hardener FB67	Per box of 10.80 kg (3 resins + 3 hardeners)
RESURFACING Filler	25.00 kg of resurfacing filler	Per box of 25.00 kg

Description of the products :

The application of our tile flooring (thin set mortar installation) or DFPOX resin flooring requires a perfectly flat, straight and trowelled surface (tolerance of ± 2 mm on a 2 m rule). Slopes must be provided during installation of the flooring. If the specifications (tolerances, flatness of the substrate and slopes) are not acceptable, the floor must be levelled before installation.

Our floor resurfacing kit, based on epoxy resin, is an anti-acid mortar perfectly adapted to this use. It consists of three components: resin, hardener and filler. The time required to put it back into service is very short (12 to 24 hours).

Field of application :

The RESURFACING is designed to make up for industrial floors exposed to high mechanical and chemical stress. It is applied on rough concrete surfaces. It allows to carry out resurfacing without any thickness limit, in a single pass, and to obtain a regular surface compatible with floor coverings such as: tiles and EPOXY resin flooring.

It can also be used to create small slope shapes.

Consumption:

Resurfacing: Approx. 2.1 kg/m² per mm of resurfacing thickness

These values are indicative and do not take into account possible losses.

Technical specifications :

Characteristics	Standards	Results
Density	Cup	2.1
Flexural strength	NF EN 196-1	38 MPa
Compressive strength	NF EN 196-1	85 MPa
Adhesion to concrete	Internal test	Concrete breaking



* Information on the level of emissions of volatile substances in indoor air, presenting a risk of inhalation toxicity, on a class scale from A+ (very low emissions) to C (high emissions).

Preparation of the support:

During application, the surface must be perfectly clean and dry: the concrete must be at least 4 weeks old even if a low humidity level is acceptable (max. 5%), however the surface must be absolutely dry.

For maximum adhesion, absorbent supports (concrete) must be treated with an epoxy PRIMER FB67 or PRIMER H before applying RESURFACING mortar. For more information on our primers, refer to the corresponding technical data sheet. The installation of RESURFACING can begin 24 hours after the application of the primer. To reduce the installation time, the application of RESURFACING can also be done on fresh primer (fresh in fresh application).

Preparation :

Pour the resin into a bucket and add the hardener. Mix for two minutes with a slow-speed mixer equipped with a spiral mixer. Then add component C (filler) as you go. Continue mixing for 3 minutes to obtain a homogeneous mixture.

Application :

Pour the RESURFACING into the spaces to be filled and compact it with a trowel. The final mechanical resistance will depend on the quality of the compaction. After compaction, smooth the surface to the desired level. RESURFACING has the texture of wet sand and is easy to work with.

Contrary to traditional cement-based patching, RESURFACING is made of 100% epoxy (no water), and can be recoated after 12 to 24 hours without risk of disruption to the future coating (delamination due to the presence of moisture trapped under the coating).

After drying of the RESURFACING, glue the tiles directly with the FB67 adhesive or apply the DFPOXAD resin coating system directly onto the flooring without adding any primer. After 48 hours, it will be necessary to apply a coat of primer between the resurfacing and the FB67 adhesive or the DFPOXAD system.

We offer accessories to facilitate the application of FB50. For more information, please consult the Accessories sheet.

Open time :

The curing of the mortar begins immediately after mixing the components. The rate of curing varies according to the temperature :

For T = 20°C, open time: 30 minutes.

For T = 30°C, open time: 15 minutes

Cleaning :

Tools and utensils used for preparation and installation must be cleaned with water before the mortar cures.

Cleaning is facilitated by the use of hot water.

Protective measures :

When using this product, we recommend that you wear the appropriate safety equipment: goggles, gloves. In people with sensitive skin, RESURFACING may cause allergic reactions. During installation, the room must be well ventilated.

For more information, please refer to the safety data sheet.

Storage :

RESURFACING can be stored in the original packaging, protected from frost and humidity. Maximum storage time: 12 months.

The information contained in this sheet is the result of our laboratory tests and is given for information purposes only. The information provided is based on our current knowledge. It is the responsibility of the user to check that this sheet is the most recent. We advise you to carry out preliminary tests before each use. As we have no influence on the use of our products or the installation conditions specific to each job site, we cannot be held responsible for the final result or any other indirect consequences.

