

EPOXY PRIMER

Two-component epoxy resin

Information and Technical support: [export @ mercadier-group.com](mailto:export@mercadier-group.com)

PRODUCT DESCRIPTION

- Two-component epoxy resin: a resin and a hardener to be mixed at the time of use.
- Primer for normal and porous support.
- Limits the appearance of spectra due to differences in surface porosity.
- Excellent adhesion.
- Ease of application.
- To be used with quartz sand.
- Products reserved for professional use.

APPLICATION AREAS

- Interior / Exterior
- Flooring

SURFACES

- Closed supports (Tiling with specific preparation)
- Porous substrates: Screeds, Concrete slabs
- Anhydrite screeds (in some cases, consult us)

TOOLS REQUIRED

- Mixer, roller and / or spatula, nitrile gloves, protective glasses
- Tool cleaning: Diluent C immediately after use
- Measuring devices: ambient and surface humidity, ambient and surface temperature, point of dew.

SURFACE PREPARATION

- The surface must be clean, sound, dry and have undergone mechanical preparation by shot blasting or sanding in order to obtain a rough surface finish and free of all non-adherent or poorly adherent parts.
- The surface must be free of traces of oil, laitance, grease and all substances likely to affect adhesion.
- Careful aspiration is to be carried out after the preparation of the surface.
- Hydraulic screeds, concrete slabs must be at least 28 days old.
- Calcium sulphate screeds must have a humidity of less than 0.5% (bomb test carbide or equivalent).

APPLICATION CONDITIONS

- Surface temperature: + 10 ° C minimum to + 30 ° C maximum.
- Ambient temperature: + 10 ° C minimum to + 30 ° C maximum.
- Surface humidity: There must be no rise in humidity according to standard ASTM D 4263 (test of polyane)
- Relative humidity: It must be less than 80%
- Dew point: Special attention should be paid to condensation. The support must be at a temperature of +3°C compared to a dew point to reduce the risk of condensation

PREPARING THE MIXTURE

- Mechanically re-homogenize components A and B.
- Put slowly the hardener, component B into the resin, component A then mix with a mechanical agitator at slow speed for 3 minutes.
- The product is ready to apply after mixing.
- Lifetime of the mixture:

Temperature	+10°C	+20°C	+30°C
During of use	About 50 min	About 25 min	About 15 min

We recommend being in pairs to apply the mixture. Otherwise and depending on the size of the surface, to split component A and component B into several doses in order to mix as measurement of the progress of the site.

- Mixture ratio by weight:
 - Component A: 79
 - Component B: 21

APPLICATION

- Application of the single primer:
 - Apply the primer with a roller or spatula regularly.
 - Immediately after application and progressively, sprinkle evenly the Quartz sand.
 - Check that there are not partially or unblasted areas. In this case, reapply a little resin in smooth places and sprinkle with the Quartz and again.
 - The next day, sweep away the excess sand then suck up to refine.

- Primary + Grid Application:
In case of cracked or damaged substrate, it is possible to reinforce it with the addition of a fiberglass (Tramex 4 * 4, for example from the "Les Trois Matons" range).

In that case:

- Cut and install the weft strips on the ground, then apply the resin with a spatula so regular ensuring that the frame remains flat on the substrate.
- Sprinkle evenly and regularly the Quartz sand.
- Check that there are not partially or unblasted areas. In this case, reapply a little resin in smooth places and sprinkle with Quartz Sand again.
- The next day, sweep away the excess sand then suck up to refine.

FINAL DRYING and COVERING

Delay of covering

Temperature	+10°C	+20°C	+30°C
Mini	24h	12h	8h
Maxi	4 days	2 days	1 day

-These data are only indicative because the hardening times varies according to the conditions of drying (especially relative temperatures and humidity).

- Take care not to dirty the film thus created by circulating before the application of 'waxed concrete' (place boards or rigid protective panels); the hook could be affected.

COVERAGE & PACKAGING & STORAGE

Coverage:

- Bi-Component Resin: from 0.35 to 0.55 kg per m² per layer depending on the porosity of the substrate.
- Quartz sand: 2kg per m²

Please note if the system is applied with a glass frame, consumption may be doubled

Packaging:

- Bi-Component Resin: 1kg kit, 5kg kit or 25kg kit
- Quartz sand: 25kg bag

Storage:

- The products keep for 1 year in original unopened packaging, protected from frost and strong heat.

ASSOCIATED PRODUCTS

EBC - BT, INDUX- RBX, SOLIX - SC +

Tramex 4 * 4 from the "Les Trois Matons" range

RECOMMANDATIONS AND WARNINGS

- Consult the most recent version of this technical sheet (see website). Our Sales Department at Distance and our sellers are at your disposal for any further details.

- Guarantees of good performance and longevity can only be acquired when the system is used of the Mercadier range (primer, 'concrete' and finishing) and strict compliance with the instructions for use system as well as maintenance recommendations. Our responsibility therefore cannot be way to be engaged in the event of an application not in accordance with our information and not using our entire system.

- The information, tips and advice relating to the end use of Mercadier products are provided in all good faith. They are based on the knowledge and experience that Mercadier company has acquired products when they have been safely stored, handled, and applied in normal conditions. In practice, the differences between materials, substrates and specific conditions on site are such that this information or any written recommendation or advice given does not imply no warranty of merchantability other than the legal warranty against hidden defects.

The colours & appearance appearing on our colour charts are indicative and cannot be considered as contractual. It is the same for the panels presented in store. As far as possible, it is better to use identical batches. These products indeed have a nuanced final rendering which can also vary depending on application conditions (gesture of the applicator, temperature etc.).