

SIBPRIMER E-100

100% solids epoxy

AT GLANCE

2 component epoxy primer

Quick drying

Strong bond

Indoor and outdoor use

High adhesion

100% solids

Solvent-free

Chemical and acid resistance

Manufacturer

SIB, Sociedade Industrial
De Britagem De Pedra, LDA

DESCRIPTION

SIBPRIMER E-100 is a two-component solvent-free, 100% solids epoxy resin. It is used as a primer to ensure perfect adhesion between the support and the SIB flooring products applied subsequently.

FIELDS OF APPLICATION:

SIBPRIMER E-100 can be used as a primer for industrial flooring on: Concrete, Cement mortars, Gypsum boards, Epoxy cement, etc. Can be used on slightly or non pourous surfaces (terrazzo tiles, ceramic tiles, etc...)

SIBPRIMER E-100 is recommended as a primer, but is not recommended as a topcoat.

TECHNICAL PROPERTIES AND CHARACTERISTICS

| SIBPRIMER E-100 BASE (Comp A) | |
|--------------------------------------|---|
| Density | 1,13 +- 0,05 at 25 °C |
| Viscosity | 85 +- 5 sec (CF4 at 20 °C) |
| Solids content | 99% +- 1% |
| SIBPRIMER E-100 CATALISADOR (Comp B) | |
| Density | 1,06 +- 0,05 at 25 °C |
| Viscosity | 300 +- 50 mPa.s ¹ (25 °C) |
| Solids content | 100% by weight |
| SIBPRIMER E-100 (A+B) | |
| Mixing rate | Ready to mix - A : B = 10 : 4 |
| Consumption | 200 – 400 gr/m ² |
| Density | 1,11 +- 0,05 at 25 °C |
| Solids content | > 99% by weight |
| Concrete adhesion | > 30 kg/cm ² Ready to mix - A : B = 100 : 46 |
| Compressive strength | > 800 kg/cm ² |
| Flexural strength | > 350 kg/cm ² |
| Opening time | 25 – 35 min (depending on the work conditions) |
| Application temperature | 10 - 30 °C – room and floor temperature |
| Drying time (20°C, 68°F) | Between layers - 8 hours |
| | Walkable – 24 – 48 hours |
| | Full curing – 7 days |

SUPPORT PREPARATION

Before application, ensure that the surface to be coated is sufficiently resistant to tension and compression.

The support must be dry, free from any trace of pollution and humidity. Old supports with low adhesion must be removed. In any case, a test must be carried out to validate the compatibility of the products.

MIXING

SIBPRIMER E-100 packaging will be supplied in the correctly measured mixing ratio. Empty all of the SIBPRIMER E-100 CATALISADOR (Comp B) into the SIBPRIMER E-100 BASE (Comp A) and mix using a slow speed drill mixer. Avoid the incorporation of air during mixing.

APPLICATION

Pour the mixed SIBPRIMER E-100 on the floor and extend with a rubber rake. Right after pass over the floor with a short haired roller and extend the material evenly.

To use as a primer for SIB flooring products seed until saturation with sand, while the resin is fresh.

PRODUCTION, PACKAGING, STORAGE AND EXPIRY DATE:

SIBPRIMER E-100 is available as:

- SIBPRIMER E-100 BASE (Component A) – 10 kgs bucket
- SIBPRIMER E-100 CATALISADOR (Component B) – 4 kgs bucket

The product can be stored in its original packaging for 12 months in a dry place at a controlled temperature (not below 0 °C/32 °F). Recommended storage is between 10 and 25 °C (50 and 77 °F).

Tightly re-seal opened containers and use up the content as soon as possible.

COMPLEMENTARY INFORMATION:

Do not apply at over 80% relative humidity. The base should be at least 3 °C above the dew point.

Before using SIB products, consult applicable data sheets, protocols, product labels and safety data sheets. On request from your consultant.

To remove fresh contamination and to clean tools, use xylene or epoxy solvent immediately after application. Hardener material can only be removed mechanically.

It is the user's responsibility to read the instructions and warnings for any SIB product before using it. The valid updated data-sheet can be found at www.sibland.company.

WARNING:

Use suitable PPE: impermeable gloves, boots and protective goggles.

See the complete Product Safety Data Sheet.

LIMITED WARRANTY:

SIB - Sociedade Industrial De Britagem De Pedra, LDA warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of SIB's responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. SIB shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials. In order to obtain all the results and technical properties of the products, all SIB specifications and instructions on transport, storage, use, application and maintenance must be fully complied with, otherwise, SIB does not guarantee the technical results and properties of the products.