

SIBPRIMER E 100

100 % Solids Epoxy

MARCH 2018

AT A GLANCE

Manufacturer

SIB, Sociedade Industrial
De Britagem De Pedra, LDA

Epoxy Primer

Quick Drying

Strong bonding

Indoor and outdoor use

High Adhesion

100 % Solids

Solvent free

Chemical and acid resistance



DESCRIPTION:

Sibprimer E 100 is a two-component solvent free epoxy resin.

It is used to ensure perfect adhesion between the support and the continuous Sibland pavement applied subsequently.

This primer can be used even when support is made up of slightly or no porous surfaces (terrazzo tiles, ceramic tiles, etc...).

Product information:

PROPERTIES: Excellent adhesion. No solvents.

Free of triethylenetetramine (TETA).

Quick drying.

Easy to apply.

Technical specifications:

SIBPRIMER E 100 is two component and consists of SIPRIMER E 100 Base & SIBPRIMER E 100 Catalyst

In liquid form (before application, after mixing):

COMPONENT A: BASE SPECIFICATION:

DENSITY: 1,13 + 0,05 gr./cc. at 25 °C.

VISCOSITY: 85 + 5 sec. (CF4 at 20 °C).

SOLID CONTENT: 99 % + 1% wt.

COMPONENT B: CATALYST SPECIFICATION:

DENSITY: 1,06 ± 0,05 g./cc. at 25 °C.

VISCOSITY: 300 + 50 mPas (25 °C).

SOLID CONTENT: 100% by weight.

COMPONENT A & B MIX SPECIFICATION:

DENSITY: 1,11 + 0,05 gr./cc.

SOLID CONTENT: > 99% by weight.

Once the product cures it forms a barrier as a strong transparent adhesive layer.

FEATURE OF THE DRIED PRIMER

CONCRETE ADHESION: > 30 kg/cm². COMPRESSION STRENGTH: > 800 kg/cm².

FLEXOTRACTION STRENGTH: > 350 kg/cm².

Substrate Preparation & Application

Substrates

Sibprimer E 100 is used as a primer for industrial flooring on:
Concrete, Cement mortars, Gybsum boards, Epoxy cement, etc.
Sibprimer E 100 is recommended as a primer, but is not recommended as a topcoat.

Mixing Rate

10 parts of SIB Primer E 100 Base- (code 567 0000)
4 parts of SIB Primer E 100 Catalyst (code 567 CAT0).

Mixing

Add the Catalyst component on the Base and mix using a slow speed drill mixer. Avoid the incorporation of air during mixing.

Pot Life

Approximately 25-35 minuts, depending on work conditions.

Application

Pour the mixed resin out 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.
As a primer for SIBLAND mortars and overlays the finished coat of resin is normally seeded with aggregates, while the resin is fresh.

Consumption:

200-400 gr/m2 depending on the substrate conditions and absorbancy.

Cleaning Solvents

Xylene or Epoxy solvent.

Drying at 20° C:

Time between layers 8 hours. Walkable 24-48 hours. 7 days full cure.
Normally you can start working at the surface next day.

Conditions of Use:

Apply to ambience and surface temperatures between +10 and 30 ° C. Do not apply at relative humidities above 80%. The substrate should be at least 3 ° C above the dew point.

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PRODUCTION, PACKAGING, STORAGE, SAFETY AND VALIDITY

SIBPRIMER E 100 kit 10 kg A / Catalyst: 4kg

SIBPRIMER E 100 kit : 2 kg / Catalyst: 0.8 kg

Can be kept for 12 months minimum in the original unopened container in a dry place and at temperatures of 5-25° C. Do not expose to direct sunlight. Once opened, use as soon as possible.

Safety and Health:

Epoxy resins can affect the eyes, skin and mucous membranes. You need to use rubber gloves, mask and goggles during application. See Material Safety Data Sheets and make sure that safety rules are respected. Be carefull in enclosed or poorly ventilated areas.

In case of contact with eyes, skin or mucosamembranes , wash immediately with clean water and seek medical care.

Components in liquid state are pollutants and therefore should not be poured into drains, watercourses, or on the ground. For more information, request the Material 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.