



PROFIX 60

PRODUCT DESCRIPTION

PROFIX 60 is a low-viscosity two-component epoxy primer that penetrates deep into the pores of the surfaces.

Suited for the preparation of cement-based surfaces in general, also in the presence of humidity.

Also recommended as a strengthening product for cement-based screeds with loose surface parts.



PRODUCT APPLICATION

- Preparation of cement-based surfaces in the presence of humidity (maximum value 8%)

Particularly suitable for:

- Old concrete floors with excess humidity
- Cement-based substrates with high residual humidity before coating with humidity-sensitive systems
- Strengthening product for cement-based screeds with loose surface parts

ADVANTAGES

- It adjusts surface absorption
- Suitable for installation, even in the presence of damp
- To reduce vapour passage
- Removes dust from cement-based surfaces
- Easy and quick application

PREPARATION AND APPLICATION **Preparing the surface**

The surface must have a minimum compression resistance equal to 15 N/mm² and its surface relative humidity must not be higher than 8% (measured with a Storch electric hygrometer).

Thoroughly clean the surfaces by brushing or low-pressure washing to remove all traces of dust, dirt, salt deposits, efflorescence and loose parts.

If necessary carry out a pickling procedure with a muriatic acid solution at 10% and wash with water.

Restore missing parts or seal any cracks by applying a suitable cement-based levelling compound.

Preparing the product

Pour component A (resin) into a suitable container and add component B (hardener) by slowly mixing with a mixer until fully blended.

Should it be required to prepare small quantities of product, it is recommended to strictly comply with the weight ratio of the two components.

Application



PROFIX 60

The mix must be evenly applied with a single coat with a brush or a VOLTECO ROLLER until it is no longer absorbed.

On particularly absorbent substrates apply a second coat of product just after the first is not sticking.

Protect it from rain for at least 12 hours.

Wait 24 hours before carrying out the next steps and not more than 4-5 days from the application of PROFIX 60 and in any case do not go ahead if the treated surface is still sticky.

The surface has fully absorbed the product when the dry film of PROFIX 60 has an even, shiny look.



References available at www.volteco.com

CONSUMPTION AND YIELD

250÷300 g/m² depending on the porosity of the substrate.

PACKAGING AND STORAGE

The product comes in pre-dosed 5 kg packs for component A (resin) and 2.5 kg packs for component B (hardener).

The product must be stored in a dry place without being exposed to frost and heat (at a temperature between +5 °C and +30 °C) or direct exposure to the sun before being applied.

PROFIX 60, stored in a dry place in its original packaging at a temperature between +5 °C and +30 °C, has a shelf life of 12 months.

WARNINGS - IMPORTANT NOTES

Do not apply the product on wet surfaces.

Once the product has been mixed, it must be used within the indicated pot life.

Any mix residue in the container must not be used under any circumstances, even if the mix has the right viscosity.

Low ambient temperatures and/or very humid air prolong the product's drying and curing time.

High temperatures in the room and on the surface reduce the product's pot life (20' at 30 °C).

After 24 hours from applying the product (temperature +20 °C; relative humidity 60%) the PROFIX 60 surface should be solid to touch, any soft and sticky consistency is an indication of probable anomalies during preparation (e.g. altered ratio between the two components, incorrect mixing, etc.), therefore, the product is considered unsuitable.

The adhesion of following applications is increased if the laying takes place just 24 hours from the application of PROFIX 60.

Brushes and rollers must be cleaned with denatured ethyl alcohol before PROFIX 60 dries.

The preparation and installation data refer to normal environmental conditions (temperature +20 °C; relative humidity 60%).

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
Aspect of component A (epoxy resin)	Clear yellow liquid
Aspect of component B (hardener)	Yellow liquid
Mixing ratio	Component A : Component B = 1 : 0,5
Specific weight	1.04 kg/l
Viscosity (+20 °C, \neq 2-20 rpm)	< 1500 mPa • s
Workability time at +20 °C/+30 °C	40'/20'
Dry residue	approx. 98%
Application temperature	+10 °C +30 °C
Residual humidity on the surface	maximum value 8%
Adhesion to the concrete	> 2 N/mm ² (surface failure)
Storage	12 months in its original packaging

SAFETY

Refer to the related Safety Data Sheet.



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