



# PROFIX 50



## PRODUCT DESCRIPTION

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PROFIX 50 is a water-based adhesion primer formulated with selected synthetic resins and additives, specifically for smooth, low-absorbent surfaces.

Its composition guarantees a significant increase in anchorage on treated substrates.

PROFIX 50 creates a rough layer with high anchoring capacity, ideal for improving adhesion in subsequent applications of elastic liquid waterproofing membranes.

## PRODUCT APPLICATION

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Preparation of mineral or synthetic surfaces, both outdoor and indoor, before the application of further coatings, finishes or waterproofing products.

PROFIX 50 acts as an adhesion bridge between the substrate and the waterproofing system, improving the adhesion of subsequent materials and equalising the absorption of the substrate.

Particularly suitable for:

- Old or dusty screeds
- Bituminous membranes with at least 6 months curing time
- Porcelain or klinker tiles
- Concrete surfaces in general
- Surfaces with synthetic finishes, quartz coatings or plastic paints

## ADVANTAGES

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- Creates a rough surface layer, increasing the anchorage and adhesion capacity of the treated substrate
- On old bituminous membranes it evens and consolidates the surface, reducing the migration of oils and plasticisers
- Removes dust from mineral surfaces
- Non-toxic and solvent-free product, safe for operators and the environment
- Ready-to-use, quick and easy installation
- Suitable for both indoor and outdoor application
- Odourless and non-flammable formulation

## PREPARATION AND APPLICATION

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### Preparing the surfaces

Before applying PROFIX 50, all surfaces must be solid, even and dry.

It will be essential to carefully remove all loose, friable or non-adherent parts, including paint, rust, dust and residues of release oils.

Proper preparation of the substrate will ensure optimal adhesion and durability of the product.

In the case of old or dusty screeds, the surfaces must be cleaned carefully, vacuuming all loose parts and removing any deteriorated portions.

Damaged areas must be repaired with FLEXOMIX 30 mortar (see relevant data sheet).

In the case of laying over old bituminous membranes, these must be stable, undamaged, dry and free of loose or deteriorated parts.

Any deteriorated or raised membranes must be repaired beforehand by suitable measures.

The slope of the surface will have to be checked and, if necessary, any dips or rises will be corrected to ensure the regular flow of rainwater.

Dirt, dust, oils or surface deposits must be removed through high-pressure cleaning, leaving the surface completely dry.

### Application

Shake the package thoroughly and mix the product until a homogeneous consistency is achieved.

Apply PROFIX 50 using a roller, brush or trowel, depending on the type of substrate and size of the surface to be treated.

Spread PROFIX 50 evenly, avoiding build-up or unevenness, and allow the product to dry completely, ensuring complete absorption by the substrate.

Once the product is completely dry, one can proceed with the subsequent application of liquid elastic waterproofing membranes or other coatings foreseen by the intervention cycle.

When finished, clean the tools with water.

If the product has dried, it can be removed with warm water or using the most common synthetic thinners.

When applying several coats, wait at least 24 hours before applying each coat.

## CONSUMPTION AND YIELD

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0.2-0.5 kg/m<sup>2</sup> depending on the type and porosity of the substrate.

## PACKAGING AND STORAGE

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PROFIX 50 is packed in 10 kg pails.

Storage time 24 months.

The product must be stored in a dry place without being exposed to frost and heat (at a temperature between +5 °C and +35 °C).

## WARNINGS - IMPORTANT NOTES

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Do not store the product in direct sunlight before application.

Do not expose packages to temperatures below +5 °C in the event of frost, the product loses its characteristics and can no longer be used.

Check (ref. UNI 10329) that the concrete substrate to be treated has a residual moisture content  $\leq 5\%$  by weight (ref. screed density  $\approx 2000 \text{ kg/m}^3$ ) for lightweight or special screeds, assess the moisture content according to the type and criteria of the standard to ensure a dry substrate before application.

Application on bituminous membranes should only be done on cured, stabilised, clean and suitably sloping substrates.

Do not apply on damp surfaces or surfaces subject to moisture backflow.

Apply the product at an ambient temperature between +5 °C and +35 °C and when no foggy, rainy or frosty conditions are expected, avoiding extreme cold or heat including during the drying process.

During the winter period, it is recommended to complete the application in the early afternoon hours to ensure adequate time for proper drying, avoiding days with high atmospheric humidity.

Protect from rain, dew and fog until completely dry High humidity and low temperatures can prolong drying times.

## PHYSICAL AND TECHNICAL SPECIFICATIONS

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Specification	Values
Appearance	Dense liquid
Colour	Grey
Application temperature	+5 °C +35 °C
Specific weight	1,55± 0,05 Kg/l a 20 °C
Viscosity 25±2 °C	8000 ± 1500 mPa s
Dry residue	70 (±4) %
Drying time	60' (*)

\*Values recorded at a temperature of 23 °C and a humidity of 50%. The data expressed may vary depending on the thickness of the product applied and specific site conditions: temperature, humidity, ventilation, substrate absorbency.

## WATCH VIDEOS AND INSIGHTS

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Safety Data Sheets

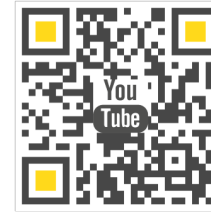
Declaration of performance

Specifications

Technical drawings and BIM

EPD Declaration

YouTube Video



## SAFETY

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Refer to the related Safety Data Sheet.

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## LEGAL NOTES

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