

# Favorit Glettbeton

## DESCRIPTION

**Favorit Glettbeton** is a two-component fine mortar formulated from white or grey cement, selected aggregates and resins, which has been specially formulated to ensure a high degree of tensile strength and perfect adhesion to walls or floors.

**Favorit Glettbeton** is an excellent renovation product, as it can be applied in a thin layer of approximately 2 mm, thereby allowing the retention of existing coverings and avoiding any additional surplus thickness.

## AREAS OF USE

**Favorit Glettbeton** can be applied to almost any even, smooth and solid surface:

- Tiling or stoneware
- Concrete or screeds
- Selflevelling underlayment
- Gypsum board
- Plaster and derivatives
- Timber
- Metal, glass etc.
- New buildings and renovations
- Decorative coating
- Exposed concrete surfaces
- Floors and walls
- Bathrooms
- Kitchen countertops
- Steps

## TECHNICAL FEATURE

Color: available in 31 colors

Particle size: 0 - 0.3 mm

Compression strength: 45 N/mm<sup>2</sup> after 28 days.

Flexural strength: 12 N/mm<sup>2</sup> after 28 days.

Compliant with standard EN 13813

Coverage: 20 kg powder + 5 liters of resin = 10-12 m<sup>2</sup> in two coats

For 1 m<sup>2</sup> area ca. 2 kg **Favorit Glettbeton** is needed.

Packaging: 4, 8 & 20 kg **Favorit Glettbeton** in plastic bucket or in sack, and 1, 5 and 20 liters resin.

Storage: 6 months in unopened original packaging, stored in a dry and frost-free location.

## PREPARATION OF BASE SURFACE

The substrate must be solid, resistant, flat, evenly smooth and free from any damage. Loose parts, cement laitance must be removed, and cracks, gaps, delaminated, defective or broken parts must be repaired with appropriate mortar repair materials. The planned total thickness, flatness, waterproofing and required slopes must be pre-formed before the application of **Favorit Glettbeton**. In case of new buildings and underfloor heating, the floor should be heated up and cooled down twice. Any cracks that may appear should be repaired before the application.

A sufficiently flat, mechanically stable surface can be achieved with leveling products or high-quality flexible tile adhesives (C2TE or S1) or self-leveling screeds in case of flooring.

For larger surfaces or in case of potential cracks in the substrate, it is advisable to place a glass mesh in the first layer of the leveling material.

The base surface must be clean, dry and dust-free.

## USE OF THE PRIMER

Whatever the base surface, it is essential that the Favorit Primer range should be used to prevent any resurgence of humidity or excessively rapid drying of mortar, and to enhance adhesion to the base surface.

On a porous base surface use **Favorit Prim**, and on an impervious base surface use **Favorit Prim Plus**. On a wet base surface, such as a shower, sink, basin or, more generally, any porous surface (plaster, timber, gypsum board, brick, etc.), which is in regular contact with water and has not been sealed beforehand, **Favorit Prim Epoxy** should be used.

For more information please refer to the technical datasheet of the primers.

## APPLICATION OF FAVORIT GLETTBETON

The application must be completed within a temperature range of 10° - 25° C.

The mix will remain workable for 30-45 minutes

Glettbeton or resin should never be diluted with water.

1. Mix to a ratio of 1 part resin to 4 parts of powder, or 250 ml of resin per kg of powder, until a uniform mix is achieved.

2. Apply the first layer using the **Favorit smoothing blade** or **Biflex finishing trowel**.

This first layer ensures adhesion to the base surface and corrects any irregularities. This layer should have a maximum thickness of 1 - 2 mm.

The surface will then can be floated using the sponge in order to eliminate any sharp edges or defects in application and to ensure the more effective adhesion of the second pass.

3. Apply a second layer, at least 2 hours after the application of the first layer.

In order to facilitate the application of the second layer, the surface may be slightly moistened with resin before this application, in order to prevent the excessively rapid drying of the Glettbeton.

It is possible to increase the resin/powder ratio, in order to facilitate the application of the second layer. If this option is to be applied, a larger quantity of resin should be ordered.

Resin should never be diluted with water.

Depending upon the desired effects, the surface should be finished using the **Favorit Glettbeton smoother**, the **Favorit Glettbeton Deco trowel** or the **Plastic trowel**.

This stage is critical to the creation of effects, and to the durability and longevity of the surface.

4. 24 hours after the application of the second layer, the surface should be ground using an eccentric grinder with an 80 - 120, or a 150-grit grade. Grinding produces a smoother and silkier finish and enhances textural effects.

Protective varnish is to be applied afterward.

## CLEANING

Clean tools with water after use. The cured material can be removed only mechanically.

## PROTECTION OF THE SURFACE

In case of normal duty or walls use **Favorit Optimum varnish**. For heavy traffic, or for maximum protection in bathrooms and kitchens apply first **Favorit Poren Sealer** then two-component **Favorit Premium varnish**.

To protect your lacquer against abrasion, apply optionally **Favorit Wax**.

For more information, see the technical data sheet on lacquers and wax.

Version: 2.0; 24.02.2020.

### Warning

The information included in this data sheet is derived from our knowledge and experience of products. In the light of the wide range of potential uses and forms of application, together with constraints associated with conditions of application or subjective conditions, the data contained herein are provided for information only, and have no legal value.

In case of safety issues please refer to the safety datasheet.