

Favorit Liquibeton

DESCRIPTION

Favorit Liquibeton is a self-leveling overlayment formulated from white or grey cement, selected aggregates and other special additives.

It can be used for floors with light and medium loads.

Favorit Liquibeton can be applied in a minimum 6 mm and a maximum 30 mm thickness in one layer.

AREAS OF USE

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

- On concrete and screeds
- On tiling and stoneware
- Floors in domestic and commercial area
- Show rooms
- Restaurants and cafés
- Kitchen countertops
- Steps
- Decorative objects

TECHNICAL FEATURE

Type:	cementitious self-leveling top layer
Color:	15 colors
Particle size:	max 1 mm
Coverage:	1.8 kg / m ² / mm thickness 25 kg powder in 6 mm thickness covers 2,0 - 2,5 m ²
Water admixture:	0.18 l/ kg, 4.5 liter / 25 kg sack
Compression strength:	>32 N/mm ² after 28 days.
Flexural strength:	8 N/mm ² after 28 days.
Compliant with standard EN 13813:	EN 13813 CT-C30-F7
Packaging:	25 kg sack.
Storage:	6 months in unopened original packaging, stored in a dry and frost-free location.

PREPARATION OF BASE SURFACE

The subfloor must be solid, resistant, flat, evenly smooth and free from any damage. Loose parts, old coating, concrete laitance must be removed mechanically by shot blasting or grinding. Cracks, gaps, delaminated, defective or broken parts must be repaired with appropriate mortar repair materials.

All existing expansion joints, joints and flange closure profiles should be considered. This is especially important for heated floors.

The concrete substrate has a minimum compressive strength of min. 25 N / mm² and minimum adhesion strength should be 1.5 N / mm².

Foam strips must be fitted to door thresholds, drains, and stairs allowing the casting process to be interrupted.

The 5-10 cm polyfoam tape should be placed where the walls should be separated from the floor. Shade or darken windows and protect against wind with adhesive tape glued to the bottom of the doors.

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.

In case of existing underfloor heating, the heating must be stopped 48 hours before application. The heating can be restarted 72 hours after the casting of the concrete.

USE OF THE PRIMER

The base surface must be clean, dry and free from dust, oils, grease and other contamination.

Favorit Prim Epoxy should be used to prevent any resurgence of humidity or excessively rapid drying of mortar and to enhance adhesion to the base surface. Use **Favorit Prim Epoxy** approx. 300 g / m². Pour Component B to Component A and mixed it with a stirrer. Then immediately spread the surface evenly with a roller or a rubber scraper. Spread approx. 25 kg of quartz sand per 10 m². After 24 hours, sweep the excess sand and then start pouring of the **Favorit Liquibeton** layer. Additionally, **Favorit Prim** can be applied on the sand for more safety.

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

APPLICATION OF FAVORIT LIQUIBETON

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

It is important to protect the surface from wind and direct sunlight during application and drying.

At least 3 people are recommended to apply **Favorit Liquibeton**: 2 persons for preparing mixtures and 1 person for pouring and smoothing.

Mix a 25 kg bag with 4.5 liters of water (0.18%) with an electric stirrer at 500 rpm, gradually adding the dry powder to the water until you get a homogeneous mixture.

Note: **Favorit Liquibeton** is sensitive to excess water. Always use the same amount of water for every mixture.

Stir for up to 3 minutes and allow the mortar to stand for 1 minute to allow air bubbles to escape.

You can remove any clumps that may occur by using a **Favorit Liquibeton sieve** while pouring the mixture into another bucket. This procedure is also recommended for removing air bubbles.

The mix will remain workable for 15 minutes.

The product is self-leveling, but the flow can be helped and the desired height can be set using the **Favorit Liquibeton trowel**. Smooth the surface with a **Favorit Liquibeton finishing trowel** if you want a less homogeneous surface with cloudy spots.

The floor surface can be walked 2 hours after pouring in case of 20 °C and normal humidity. 24 hours after the application the surface may be grounded using an eccentric grinder with a 120-150 grit grade. Grinding gives a smoother and smoother surface and allows you to create a different texture. Apply the protective varnish afterward.

For larger surfaces, the **Favorit Liquibeton** can be applied with an automatic mixer pump.

CLEANING

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

PROTECTION OF THE SURFACE

In case of normal duty use **Favorit Optimum varnish**. For heavy traffic, or for maximum protection in bathrooms and kitchens apply first **Favorit Pore Sealer** then two component **Favorit Premium 2K varnish**.

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

For more information, see technical data sheet on lacquers.

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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.