

TECHNICAL SHEET 04.01.11-EN



DECOR Beton look

Decorative levelling compound for appearance of raw concrete

1. Description, Application

We use DECOR Beton look for decorative treatment of interior wall surfaces. With the product, we can recreate the look of untreated (raw) concrete in the BETON LOOK technique, which allows us to achieve repeatability of the pattern, which is difficult to achieve with classic concrete on larger surfaces without aesthetic defects. It can be used in residential as well as business premises, hotels, exhibition and presentation areas, shops, etc. It is made on the basis of cement and polymer binders and is micro-reinforced, which, in addition to good strength properties, ensures exceptional elasticity, high vapor permeability and good adhesion to various surfaces. types of wall substrates (all types of plastered walls, fiber cement boards, plasterboard boards,...).

2. Technical data

Packaging	20 kg	
Density	~1.6 kg/dm ³	
Water dilution mass	23 %	
Open time (ready-to-use mortar compound)	2-3 h	
Maximum total thickness	~2.5 mm	
Consumption	~1.5 kg/m ² /mm	
Drying time T = +20 °C, relative air humidity = 65 %	Suitable for further treatment	~24 h minimum 24 h for each mm of thickness
Vapor permeability EN ISO 7783-2	coefficient μ	<50
	value Sd (d = 100 um)	<0.15 m
Water absorbtion w24 (EN 1062-3)	<0.1 kg/m ² *h0,5	
Water absorbtion class (EN 1015-18)	class W2	

Adhesion to concrete (after 28 days)	Adhesion to concrete in dry environment	>0.25 MPa
	Adhesion to concrete after soaking in water (2 hours)	>0.08 MPa
	Adhesion to concrete after soaking in water (7 days)	>0.25 MPa

3. Installation Conditions

The temperature of air and wall surface should not be lower than +5 °C and not higher than +35 °C, and relative air humidity should not exceed 80 %.

4. Surface Preparation

The substrate must be solid, dry and clean, free of loosely bound particles, dust, water-soluble salts, greasy deposits and other dirt.

Dust and other non-adherent dirt are vacuumed or removed by plastering, and undegraded remains of formwork oils from concrete surfaces are washed with a stream of hot water or steam. We remove all paint deposits and splashes from already painted surfaces. Surfaces infected with wall mold must be disinfected before applying the leveling compound. Newly installed plasters must be dried or matured for each cm of thickness for at least 7 to 10 days before installation of the leveling compound, and the leveling compound should not be applied to new concrete substrates earlier than one month after concreting (the stated drying times of the substrate apply to normal conditions: T = +20 °C , relative air humidity = 65%).

A base coat is required before installation. We use JUBIZOL Unigrund, which can be diluted with water up to 5% if necessary.

For technical information on these primers, please read the technical data sheet.

5. Preparation of leveling compound for installation

The mortar mixture is prepared by pouring the contents of the bag (20 kg) into approximately 4.4 - 4.6 l of water while constantly stirring. Mix in a suitable container with a manual electric mixer or in a mixer for preparing mortars and concretes. After 10 minutes, when the mass swells, mix it again and, if necessary, add a little more water. The open time of the prepared mixture is 1 to 2 hours.

6. Installation of leveling compound

We process a 6-10 m² surface at a time. The mass is applied manually with a stainless steel trowel in a thickness that is slightly greater than the thickness of the largest grains in the product. The surface is then smoothed with a rounded steel trowel and traces of the original application are removed and the surface is smooth. Then, with the Creativ - pointed roller, we create a perforated surface pattern and further emphasize it in individual places with a decorative brush.

When the embedded mass partially hardens - approximately 10 to 20 minutes after application (it can be earlier or later, depending on the microclimatic conditions and the absorbency of the substrate), the material is suitable for the construction of the structure. With a soft brush, we gently remove the protruding fragments and with a steel trowel, we iron the surface to get a uniform smooth appearance with the intermediate holes that we made earlier.

If we fill too much of the sample with smoothing, we can subsequently add material and repeat the process completely. The sample should not exceed 30% of the surface. The drying time under normal conditions is 24 h for each mm of thickness.

The fluctuation of nuances between different production dates and batches of the product is the result of the use of natural raw materials and does not affect the final physico-chemical properties of the dried and hardened material!

7. Storage, Transportation Conditions and Durability

During transportation, protect the product against moistening. Store in dry and airy places, out of reach of children!

Shelf life when stored in an originally sealed and undamaged packaging: at least 12 months.

8. Other Information

Technical instructions in this brochure are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

Safety measures: Follow the instructions on the safety data sheet of the product.

Denomination and date of publishing: TRC-059/15-mar, 30.07.2024