

TECHNICAL DATA SHEET

ADHESIVE FOR FACADE STONE 102K

Frost-proof adhesive for ceramic and terracotta tiles



Areas of application

Intended for pasting claddings of artificial facade stone as well as for ceramic tiles, and other elements inside and outside a building.

Properties

- Frost-resistant
- Waterproof
- Thin-layer
- Class C1T
- For facade stone
- For cement tiles

Application procedure



Technical data

Item number	34469
Packaging	
Quantity per unit	12 kg/unit
Unit per pallet	33 unit/Pal.
Consumption	approx. 1,5 kg/m ² /mm
Water requirement	approx. 2,8 L/unit
Tensile adhesive strength	≥ 0,5 N/mm ²
Possibilities to enter	approx. 24 h
Chromium content	≤ 0,0002 %
Adhesive group	C1 T
Adhesive open time	10 min
Correction possibility	approx. 10 min

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Item number	34469
Drying time	24 h 48 h
Processing time	2 h
Groutable	≥ 48 h

Material base

- Mineral fillers
- Portland cement
- Modifying additives

Application conditions

Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature.

Surface

All substrates must be load bearing and seasoned, if necessary, primed with GRUNTOLIT-W 301. Remove all unstable grouts and coats. Plasters and cement screeds must be at least 4 weeks old, gypsum plasters and anhydrite screeds must be at least 2 weeks old. Grind and vacuum anhydrite screed. Concrete groundwork must be at least 6 months old.

Cement-lime plaster: Prime with GRUNTOLIT-W 301 or EXPERT 6

Gypsum plasters: Prime with GRUNTOLIT-SG 302 or EXPERT 5

Concrete, reinforced concrete: Depending on absorptivity - prime with GRUNTOLIT-W 301 or GRUNTEM KONTAKTOWYM 307.

Bricks and ceramic CMUs: Prime with GRUNTOLIT-W 301 or EXPERT 6

Autoclaved aerated concrete elements: Prime with GRUNTOLIT-SG 302 or EXPERT 5

Preparation

Pour the dry mix gradually to a container with a sufficient amount of clean, cool water, mixing manually or using a low-speed mixer to produce homogenous, lump-free mass. Leave to mature for 5 minutes, and then mix again. If there is a need to use a part of the packaging, the entire dry compound must be carefully stirred because during transport components could be separated. Do not mix the hardened grouting mixture again.

Application procedure

Apply the prepared mortar onto the steel trowel and firmly spread a thin layer across the bed using the straight edge. The next step is to apply a thicker mortar layer and spread it using the notched edge of the trowel at an angle of 45-60 degrees to the bed. The area covered with the mortar should be adjusted to the tiles laying abilities not to exceed the open drying time of the adhesive. It can be verified by touching the grout with a finger, if no adhesion occurs, the open drying time was exceeded and the grout should be removed from the surface and replaced with a fresh layer. The tiles should be laid by placing the second one as close to the first one and moving it to receive a joint of proper width. The tiles should not be wet before laying! Press tiles and if need be strike with a rubber hammer against the bed so that the adhesive will adhere to at least 70% of surface of a tile. Tiles bigger than 30x30 cm, all tiles laid outside and in permanently wet and intensively used places should be laid so that the adhesive will adhere to the entire tile surface. In order to meet these requirements the adhesive should be also applied to the entire back of the tile with a thin layer of equal thickness, covering the concavities and convexities. The joint width should be chosen based on the tile size. Internal floors adopt the following: minimum 2mm - at the tile side length up to 10 cm, 2-6mm - using tiles of 10-25cm, 4-8 mm - using tiles of 25-30 cm. Before the adhesive dries, the possible grout residue should be removed from the joints, and the tiles should be washed with water.

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Instructions

Do not apply on screeds with floor heating and anhydrite screed, as well as for gres tiles. Read the safety data sheet before use.

Storage

Up to 12 months from the date of manufacture, in dry places and in intact packaging

General information

This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing. All technical data is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material. All technical data listed in this product specification has been determined under laboratory conditions.