

# EPOGROUT

Eco-friendly, easy-to-clean grout, bacteriostatic and fungistatic, water and stain proof, with a high level of chemical and mechanical resistance.

## Description

Epoxy-based tile grout, anti-bacterial, totally water and stain proof for joints between 0-20 mm. With a considerably higher level of chemical and mechanical resistance, guarantees the continuity and stability of ceramic surfaces for many decades. Suitable for industrial areas like breweries, dairies, laboratories, slaughterhouses and in other sectors of food or chemical industries as well as in pools, kitchens etc. It is also suitable for surfaces in direct contact with food products, areas that come in contact constantly with corrosive substances and areas and materials needed incomparably high mechanical strength.

## Materials

Marble, granite, ceramic tiles of all types, grès, porcellanato, klinker, cotto ceramic type granite marble, ceramic tiles, tiles of all dimensions, natural stone etc.

## Suitable for

- Walls and floors.
- Indoors and outdoors.
- Residential, commercial and industrial use.
- Pools, spas, patios.
- Underfloor heating.
- Kitchens.
- Revetments etc.

## Specifications

Form: 2 component A: paste B: paste

Density: 1.6kg/l

Pot life: 30 min at 23°C

Application temp: +10°C έως +30°C

Mixing ratio: Part A: Part B:= 9:1

Shear adhesion strength after thermal shock En 12808 (N/mm<sup>2</sup>): ≥ 2.0

Water absorption after 240 min: ≤ 0.05g

Granulometry: 0-300µm

Ready to use: after 3-4 days

## Unsuitable as an adhesive

Rubber, wood and metal surfaces with high distortion.  
Floors rising damp.

## Surface preparation

Provide level and stable surfaces, completely dry and free from shrinkage tendencies. Remove loose or detached fragments, dirt, oil, dust, etc. Seal off and repair any major gaps. On surfaces coming into contact with the ground (e.g. basements) make sure that rising moisture is eliminated.

## Surface preparation for grouting

Apply after tile adhesive has dried well, and the plates are stabilized in their final position. Clean the joints thoroughly before applying and removing foreign matter such as plastic crosses, adhesive residues, dust etc. The joints must be dry.

## Mixture preparation

The 2 ingredients are supplied in containers ready to mix. Thoroughly mix the amount of component B into component A using a low speed electric mixer until have a homogeneous mixture and color is achieved. It is necessary to prepare enough quantity to be able to use it within 30 minutes (at 23 °C & 50% RH). The closed packages of the material must be kept at a temperature of ≈ 20°C for at least 2-3 days before its use. Higher temperature in the material can give excess fluidity to the mixture and faster hardening while lower temperature can make the mixture harder affecting its workability.

## Instructions for use

Apply at temperatures above +10 °C, with a notched trowel for bonding and rubber spatula for grouting. Spread the mixture on the surface we want to grout. Spread the material diagonally crosswise to the joints with a rubber spatula. Immediately remove the residues with the spatula. The cleaning is done immediately after the grout with a damp hard sponge and then the surface is cleaned with a clean soft sponge.

## Safety precautions

The product is characterized irritant. The product application does not require special precautions other than the usual that apply to all construction work,

including use of gloves and glasses, avoid prolonged contact with skin. In case of contact with eyes, rinse with plenty of water and if necessary seek the contribution of a doctor. Gather the empty cans and dispose them to the special waste bins. Consult the safety instructions found on the product packaging. For more information consult the Material Safety Data Sheet.

### Remarks

- At low temperatures, the material loses its good workability and reaction times increases. On the other hand, high temperatures reduce working time. The ideal temperature of application is between +15 °C and +25 °C, in order that the product has optimal workability and curing time. At low temperatures (<+15 °C) a delay on setting is observed, while at higher (>+30 °C) acceleration is observed. A soft warm-up of the material is recommended on cold months and respectively on summer store in cool place before use.
- EPOGROUT is completely safe for health after hardening.
- Consult the safety advice mentioned on the label before use.

### Packaging

Plastic cans 3kg.

### Storage

Preferably in shady and roofed locations, low in moisture, protected against ice, high temperature and exposure to sunlight for at least 12 months.

### Consumption

dimensions	Grams/m <sup>2</sup> – joint width				
	1mm	2mm	3mm	5mm	8mm
2x2x0,3	550	1.100	1.650	-	-
5x5x0,4	350	700	1.050	1.750	-
10x10x0,6	300	600	900	1.500	2.400
15x15x0,7	200	400	600	1.000	1.600
20x20x0,8	150	300	450	750	1.200
20x30x0,8	130	260	390	650	1.040
30x30x0,9	115	230	345	575	920
40x40x1	95	190	285	475	760
50x50x1	75	150	225	375	600

### Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

### Other information

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