KREISEL

TECHNICAL DATA SHEET

FUGA DO CEGŁY I KAMIENIA 704

Mortar for grouting bricks, stone and ceramic tiles

Areas of application

The grout is intended for jointing tiles, bricks and clinker profiles. It can be also used to joint wall and floor ceramic tiles, concrete tiles, laid on indoor and outdoor surfaces. The content of tras limits the possibility of occurrence of saline efflorescence.

Properties

- Waterproof
- High color durability
- Prevents efflorescence
- Contains trass
- Easy to use

Application procedure

Technical data

Item number	40369	40374	40373	40371	40370
Packaging					
Quantity per unit	5 kg/unit				
Unit per pallet	100 unit/Pal.				
Grain size	0-0,8 mm				
Colour	White	black	steingrau	light gray	beige
Consumption	2,75 kg/m²				
Water requirement	approx. 0,7 L/unit				
Compressive strength	≥ 15 N/mm²				
Pressure resistance	≥ 2,5 N/mm²				
Possibilities to enter	approx. 24 h				
Class	EN 13888				
Chromium content	≤ 0,0002 %				
Processing time	60 min				

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Item number	40372
Packaging	
Quantity per unit	5 kg/unit
Unit per pallet	100 unit/Pal.
Grain size	0-0,8 mm
Colour	Grey
Consumption	2,75 kg/m^2
Water requirement	approx. 0,7 L/unit
Compressive strength	≥ 15 N/mm^2
Pressure resistance	≥ 2,5 N/mm^2
Possibilities to enter	approx. 24 h
Class	EN 13888
Chromium content	≤ 0,0002 %
Processing time	60 min

Material base

- Mineral fillers
- Pigments
- Portland cement

Application conditions

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

Surface

Proceed to jointing when the tile adhesive has sufficiently set and dried. In order to maintain uniform color, the clearances between the tiles should be equally deep, cleared of any adhesive residue, dust, or any other impurities. In the base of very absorbent tiles, moisten the joints with a humid sponge.
Bricks and clinker profiles: Apply directly
natural and artificial stone: Apply directly
Ceramic, gres, clinker, concrete tiles and other: Apply directly

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. Always prepare next batches of the mortar in the same way because variable dosing of water may result in different colours. If there is a need to use a part of the packaging, the entire dry compound must be carefully stirred because components may have been separated during transport. Excessive amount of mixing water can reduce the durability of joints, which can ultimately crack, and will result in the possible occurrence of efflorescence. Do not mix the hardened grouting mixture again.

Application procedure

Fill the clearances in clinker elements with special jointing putty. Fill the clearance tightly with the grout, making sure not to soil the face of the brick with the grout. After completing the jointing procedure, delicately clear the brick

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of any impurities. It is generally recommended to apply product from one production batch on one jointed surface. Before proceeding to jointing with dyed grout, check if the pigment of the grout permanently stains the surface of the jointed element.

Instructions

Non-uniform drying conditions, the use of jointing grout from various production batches, humidity of tile groundwork, the absence of sufficient insulation, etc. can produce different joint colours. Since natural raw materials have been used for production of the mortar, colour of various production batches may slightly differ. Therefore, it is advisable to use the product from one production batch on one facade, surface, working field. Freshly grouted surfaces must be protected against rain, dew, municipal water, wind, draughts, strong insolation and frost for min. 7 days. A final colour of the joint is set after it is completely dry and depends on the way in which the fresh mortar is maintained, on humidity of construction elements under tiles, on climate around. Unlike joint mortar drying conditions, humidity of beds under tiles, unwashed aggregates of masonry mortars, lack of appropriate building insulations and similar factors may result in different colours of the joints. Grouting during adverse weather conditions (fog, high air humidity, rain, low temperatures) may be the reason for saltpetre rots on the surface of joint. It is advisable for grouted wall claddings and floor claddings in a period of the first 3-4 weeks of use to be washed with clean water only. After drying properly, the clinker elements should be covered with impregnating preparations, e.g.: HYDROMUR-W 1010. Cleaning the joints with detergents, both acidic and alkali cleaning solutions in the first weeks of setting and drying can cause a permanent discolouring of the jointing grout. Do not use detergents which can enter into reaction with lime or cement compounds. Avoid contact with skin and protect eyes. Detailed guidelines are included in the material safety data sheet.

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.