

Natural Stone Grout Mortar

# codex Brillant Stone

Rapid-setting, pigmented grout mortar for natural stone tiling in joint widths from 2 – 5 mm

## Description:

For grouting of sanded or polished natural stone tiles. Especially suitable for avoiding efflorescence and edge discoloration with large crystalline, light-coloured natural stone. For joint widths from 2 – 5 mm on interior and exterior wall and floor tiling. Also suitable for use on underfloor heating systems.

Suitable for/on:

- ▶ granite
- ▶ marble
- ▶ Jura marble
- ▶ Solnhofen tiles, etc.
- ▶ stone-effect concrete blocks

## Product Properties / Benefits:

codex Brillant Stone is a ready to use, hydraulic setting, rapid grout mortar with a high trass cement content that sets crack-free, waterproof and frost-resistant.



- ▶ Free from discoloration even with light natural stone
- ▶ Water- and dirt- repellent
- ▶ For joint widths from 2 – 5 mm
- ▶ Very rapid setting
- ▶ Brilliant colours and lightfast
- ▶ Easy to work and wash off
- ▶ Gives a smooth, fine surface finish
- ▶ Waterproof and frost-resistant
- ▶ Suitable for use on underfloor heating systems
- ▶ Low chromate content

## Technical Data:

Packaging:	5 kg bag
Shelf life:	9 months
Colours:	grey, jura beige, white
Mixing water:	approx. 1.25 litres per 5 kg bag part quantities: 1 kg powder + approx. 250 ml water
Working temperature:	5 °C to 25 °C / 41 °F to 77 °F
Working time:	approx. 30 minutes *
Set to foot traffic:	after 2 hours *
Load bearing:	after 12 hours *

\*At 23 °C / 73 °F and 50 % air humidity.

## Surface Preparation:

Scrape out any bedding mortar residues from the joint whilst still fresh and to a consistent depth. Then thoroughly clean the tiling. With thin-bed mortar installations, leave at least 24 hours before grouting. For thick-bed installations, only grout when the bedding mortar is fully hardened and dry. The correct timing for grout work varies according to the thin-bed mortar used and the thickness of the mortar bed.

Refer to the Product Data Sheets for the codex products used.

## Application:

1. Put approx. 1.25 litres of cold, clean water into a clean bucket and sprinkle in the bag contents (5 kg) whilst stirring vigorously and mix to a smooth, lump-free mortar. For part quantities: 1 kg powder + approx. 250 ml water.
2. Apply the grout mortar with a rubber trowel or squeegee or a grouting board to the full depth of the joint and flush with the surface. Repeat as necessary. Leave as little as possible of the grout mortar on the tile surface.
3. After the grout mortar has set (finger test), clean off the tiling with a clean, damp sponge or sponge-board. Do not wash any mortar out of the joint.
4. After a short drying period, clean off with a damp sponge to remove all residual streaks of mortar. Wash out the sponge frequently and use only a little water.

## Consumption:

Tile size	Approx. consumption*	Approx. coverage per 5 kg bag*
Tiles 15 x 30 cm	0.5 kg/m <sup>2</sup>	10.0 m <sup>2</sup>
Tiles 30 x 30 cm	0.3 kg/m <sup>2</sup>	16.7 m <sup>2</sup>

\*At 3 mm joint width.

## Important Notes:

- ▶ Shelf life 9 months in original packaging when stored in dry conditions. Carefully and tightly reseal opened packaging and use as quickly as possible.
- ▶ Optimum working conditions are 5 °C / 41 °F to 25 °C / 77 °F. Low temperatures delay, whilst high temperatures accelerate the setting.
- ▶ Protect freshly laid surfaces from draughts, direct sunlight and sources of heat.
- ▶ For swimming-pools and areas with high exposure to chemicals and acids, use codex products according to the current codex Product Guide.
- ▶ Variation in absorbency of the tiles, as well as different humidity during setting, affects the colour constancy of the grout mortar.
- ▶ To avoid colour variations in the grout mortar on one project, use mortar from one production batch where possible.
- ▶ Clean tiling with rough or unglazed surfaces as soon as possible after grouting to avoid setting of the mortar residues. If necessary, test-wash the tiles before grouting or lay a test area.
- ▶ The following standards, regulations and notices are applicable and especially recommended:
  - DIN 18 352 "Working with large and small format tiling"
  - DIN 18 157 "Installation of ceramic tiles using the thin-bed method"
  - ZDB publications:
    - "Large and small format tile flooring outside of buildings"
    - "Movement joints in large and small format tile claddings and coverings"
    - "Large and small format ceramic tiling, natural and artificial stone on heated floor constructions"

## Protection of the Workplace and the Environment:

Irritant. Contains cement low in chromate acc. Directive 2003/53/EC. Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes. In the event of contact, rinse thoroughly and immediately with water. In the event of skin or eye irritation, consult a doctor. When mixing wear a protective dust-mask. Use protective gloves. Presents no physiological or ecological risk when fully cured.

## Disposal:

Dispose of empty packaging according to local regulations. Collect waste material, mix with water and allow to harden, then dispose as Construction Waste.