

Coloured Grout Mortar

# codex Brilliant Color

Water-repellent, flexible, coloured grout mortar for joint width from 1 – 6 mm

## Description:

For grouting ceramic tiles with absorbency, as well as artificial and natural stone not prone to discoloration. For joint widths from 1 – 6 mm. For interior and exterior use on walls and floors.

Suitable for/on:

- ▶ earthenware
- ▶ stoneware
- ▶ small-, medium- and glass- mosaics
- ▶ artificial and natural stone not prone to discoloration
- ▶ ceramics with delicate surface finishes
- ▶ tiling on warm water underfloor heating

## Product Properties / Benefits:

codex Brilliant Color is a highly plasticised dry powder mortar, with normal setting properties and without sand aggregate, that produces a smooth, low-slump, hydraulic setting grout mortar when mixed with water.



**Composition:** Special cements, mineral aggregates and additives.

- ▶ For joint widths from 1 – 6 mm
- ▶ Water- and soil-resisting
- ▶ Smooth and easy to apply
- ▶ Gives a smooth, fine surface finish
- ▶ Flexible
- ▶ Waterproof and frost-resistant
- ▶ Interior and exterior use
- ▶ Low chromate content

## Technical Data:

Packaging:	paper sack
Packsize:	4 x 5 kg in a poly-pack 25 kg silver grey, brilliant white
Shelf life:	12 months
Colours:	see reverse
Mixing water:	1.3 – 1.4 litres per 5 kg bag
Working temperature:	5 °C to 25 °C / 41 °F to 77 °F
Working time:	approx. 2 hours
Set to foot traffic:	after approx. 12 hours *
Load bearing:	after approx. 48 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. Leave grouting until the bedding mortar is fully set and dried. The correct timing for grout work varies according to the thin-bed mortar used.

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

**Application:**

1. Put 1.3 – 1.4 litres of cold, clean water into a clean bucket. Sprinkle in the bag contents (5 kg) whilst stirring vigorously and mix to a smooth, lump-free mortar. For small quantities, use approx. 300 ml water per 1 kg powder.
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 grout material as possible on the tiling surface.
3. After the grout mortar has set (finger test), clean off the tiling with a damp sponge or sponge-board. Always use clean water and change several times as necessary. Wash out the sponge frequently and squeeze out well.
4. Remove any remaining streaks after further setting of the grout material (after approx. 1 hour) using a lightly dampened sponge. For cleaning, do not use dry cloths.

**Colours:**

- ▶ anthracite
- ▶ bahama beige
- ▶ brilliant white
- ▶ dark grey
- ▶ jasmine
- ▶ manhattan
- ▶ pergamon
- ▶ silver grey

**Consumption:**

Tile size	Approx. consumption	Approx. coverage per 5 kg bag
10 x 10 cm	0.6 kg /m <sup>2</sup>	8.3 m <sup>2</sup>
15 x 15 cm	0.4 kg /m <sup>2</sup>	12.5 m <sup>2</sup>
20 x 20 cm	0.3 kg /m <sup>2</sup>	16.5 m <sup>2</sup>

**Important Notes:**

- ▶ Shelf life 12 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 between 5 °C/41 °F and 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 consistency 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.
- ▶ In addition to all relevant standards, regulations and publications, reference to the following is recommended:
  - DIN 18 332 "Working with natural stone"
  - DIN 18 157 "Ceramic tiling work using the thin-bed method"
  - DIN 18 195 "Construction Damp-proofing"
  - ZDB publications: "Notes on the installation of bonded damp-proof membranes with cladding and flooring using large and small format tiles in interior and exterior locations" and "Large and small format tiling outside of buildings"
  - "Movement joints in cladding and flooring using large and small format tiles"
  - "Large and small format ceramic tiles, natural stone and stone-effect concrete blocks on heated floor constructions"
  - BEB publication "Assessment and preparation of substrates".

**Protection of the Workplace and the Environment:**

Irritant. Contains cement which 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.