

Color Grout Mortar

CODEX BRILLANT COLOR XTRA

Water-repellent, flexible, coloured grout mortar for joint widths from 1 to 10 mm

APPLICATIONS

Flexible colour grout mortar for jointing ceramic tiles and slabs with more absorbent characteristics, natural and artificial stone coverings which are not sensitive to discoloration as well as ceramic coatings with sensitive glazes. Also suitable on underfloor heating. For interior and exterior wall and floor coverings.

codex Brilliant Color Xtra meets the requirements of CG2 WA according to EN 13 888.

LEED: Meets the LEED requirements in IEQ Credit (4.1) Low Emitting Materials (LEED v4)

SUITABLE FOR

- ▶ Earthenware
- ▶ Stoneware
- ▶ Small and medium-sized mosaic
- ▶ Artificial and natural stones which are not sensitive to discoloration
- ▶ Ceramics with sensitive surfaces
- ▶ Bath and shower areas
- ▶ Sanitary shower facilities in residential and commercial areas
- ▶ Coverings on heated floor constructions

AVAILABLE COLORS

brilliant white (1) (2)	cream white (2)	pergamon (1) (2)	silver grey (1) (2) (3)
manhattan (1) (2)	light grey (2)	agate grey (1)	platinum grey (2)
concrete (1) (2)	grey (2)	graphite (2)	anthracite (1) (2)
jasmine (1) (2)	bahama beige (2)	sahara (2)	sand beige (1)
caramel (1)	jurabeige (2)	cashmere grey (2)	havanna (2)
mocca (2)	choco (1)	cotto (1)	mint (1)
mento (1)			



PRODUCT BENEFITS/FEATURES

- ▶ For joint widths from 1 to 10 mm
- ▶ Water and dirt resistant
- ▶ Smooth and easy to process
- ▶ Results in smooth, fine joint surfaces
- ▶ High colour resistance
- ▶ Waterproof and frost-resistant
- ▶ High abrasion resistance

TECHNICAL SPECIFICATIONS

Pack type	foil bag 2 kg, 5 kg; paper bag 12.5 kg
Pack size	(1): 2 kg, (2): 5 kg, (3): 12.5 kg
Shelf life	foil bag 24 months, paper bag 12 months
Joint width	1 to 10 mm
Minimum working temperature	+ 5 to + 25 °C
Ideal working temperatures	+ 15 to + 25 °C
Water quantity required	approx. 0.52 litres/ 2 kg approx. 1.3 litres/ 5 kg approx. 3.25 litres/ 12.5 kg
Working Time/ Pot Life	approx. 2 hours*
Set to foot traffic	after approx. 12 hours*
Full mechanical resilience	after approx. 48 hours*
Resilient	after approx. 48 hours*
Consumption	0.3 - 1.3 kg/m ²

*At 23 °C and 50 % relative humidity.



SUBSTRATE PREPARATION

The joint flanks must be dry, clean and free from materials that would impair adhesion.

Scrape mortar residues uniformly deep from the joints while fresh. Following this, clean the surface thoroughly. Joint tiles installed in the thin bed after sufficient drying time of the thin-bed mortar. Observe the installation / application directions of the floor covering manufacturers.

Because of the partially strong colouration trial jointing should be performed with open-cell floor covering material (including micro pores) as well as with sensitive surfaces such as coated glass mosaic, coated profiles or similar) or critical unknown flooring materials.

Refer to the product data sheets for other codex products used.

APPLICATION

1. Pour cold, clean water into a clean bucket. Sprinkle powder into the water whilst stirring vigorously until a homogeneous mortar has been obtained. Mix once more after a short maturing time. Do not mix more material than can be worked within the pot life.
2. Apply grout mortar into the joint flush with the surface using a rubber slider or a joint trowel and pull off so that the joints are completely filled. If necessary, add a subsequent slurry mix. Allow as little grout as possible to lie on the surface of the covering.
3. After the grout mortar has set (finger test) clean the tile covering with a wet sponge or sponge board diagonally toward the joint. Always use clean water and replace several times, if necessary. Rinse sponge frequently and squeeze well. Use as little washing water as possible and do not leave a water film or pooling on the joints.
4. Do not stir or mix material that has already set with water or powder. Clean tools and soiled ceramics with water while fresh.

IMPORTANT NOTES

- ▶ Store in a cool and dry place. Carefully and tightly re-seal opened packaging and use the contents quickly.
- ▶ Best processed at + 15 °C to + 25 °C. Lower temperatures slow down and higher temperatures accelerate the hardening period.
- ▶ Colour samples and proofs are for orientation only and not binding. Colour deviations from installed joints cannot be ruled out. Different construction site conditions may affect the appearance of the joint. A liability claim cannot be asserted for the reasons mentioned. We therefore recommend performing trial jointing.
- ▶ Grout mortar from the same batch should be processed to prevent colour variations of the grout mortars on a property.
- ▶ With mildly or non-absorbing floor coverings, such as dust pressed vitrified tile, the setting time between jointing and washing may delay. Preferably use a faster hardening grout for these coverings.

- ▶ Different absorption behaviours of the covering as well as different moisture content during setting may influence the shade of the grout mortar, possibly resulting colour constancy of the grout mortar.
- ▶ Obtain technical advice for joints widths over 8 mm.
- ▶ Protect freshly installed areas from draughts, direct sunlight and sources of heat.
- ▶ Because of the partially strong colouration trial jointing should be performed with open-cell floor covering material (even micro pores).
- ▶ Clean floor covering with a rough or unglazed unglazed surface, wash as soon as possible after jointing in order to avoid the hardening of film. If possible, test the washability of the covering before jointing or apply a trial surface.
- ▶ Perform trial jointing for sensitive surfaces, such as coated glass mosaic, coated profiles or similar.
- ▶ Do not use in swimming pools or areas with increased chemical or acid exposure. In such cases use codex products according to the current codex product overview.
- ▶ The following apply as well, amongst others, or are recommended for special consideration:
 - DIN 18 352 "Tile and slab work"
 - DIN 18 157 "Carrying out ceramic works using thin bed mortar"
 - ZDB bulletins:
 - "Movement joints in covering and flooring from tiles and slabs"
 - "Ceramic tiles and slabs, natural stone and concrete blocks on heated floor constructions"

SEALS OF QUALITY & ECOLABELS

- ▶ Low chromate content acc. Regulation (EC) No. 1907/2006 (REACH)

CONSTITUENTS

Special cements, mineral aggregates, redispersible polymers and additives.

PROTECTION OF THE WORKPLACE AND ENVIRONMENT

Contains cement low in chromate acc. Regulation (EC) No. 1907/ 2006 (REACH). Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes. In the event of contact, rinse immediately with water. In the event of skin or eye irritation, seek medical advice. Use protective gloves. When mixing wear a protective dust-mask. Presents no physiological or ecological risk when fully cured.

DISPOSAL

Where possible, collect product residues and re-use. Do not allow to get into drains, sewers or ground. Empty paper packaging is recyclable. Collect waste product, mix with water, allow to harden, then dispose as Construction Waste.