

Object Grout Mortar

codex Brillant Objekt

Grey grout mortar for joint widths from 2 – 5 mm

Description:

For grouting of ceramic tiling with rather absorbant behaviour, e.g. stoneware. For tiling materials that have low or no absorbency, such as stoneware or glass mosaics, codex Brillant Objekt can also be used. However, a little longer waiting time must be allowed before washing off the surface.

codex Brillant Objekt meets the requirements of Classification CG1 in accordance with DIN EN 13 888.

For joint widths from 2 – 5 mm on walls and floors in interior and exterior locations.

Suitable amongst others for/on:

- ▶ stoneware
- ▶ small-, medium- and glass-mosaics
- ▶ natural stone not prone to discoloration
- ▶ domestic, commercial and industrial use

Product Properties / Benefits:

codex Brillant Objekt is a plasticised dry powder mortar, with normal setting properties, 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 2 – 5 mm
- ▶ Lightfast
- ▶ Easy to work and wash off
- ▶ Waterproof and frost-resistant
- ▶ For normal wear use
- ▶ Gives a smooth, fine surface finish
- ▶ Interior and exterior use
- ▶ Low chromate content
- ▶ EMICODE EC 1 R PLUS/Very low emission PLUS

Technical Data:

Packaging:	paper sack
Packsize:	12.5 kg
Shelf life:	12 months
Colour:	light grey
Mixing water:	3.2 – 3.4 litres per 12.5 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 48 hours*

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

Subfloor 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 3.2 – 3.4 litres of cold, clean water into a clean bucket. Sprinkle in the bag contents (12.5 kg) whilst stirring vigorously and mix to a malleable, lump-free mortar. For small quantities, use approx. 300 ml water per 1 kg powder.
2. Leave to stand for approx. 3 minutes. Then mix thoroughly once again.
3. 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.
4. 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.
5. 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.

Consumption:

Tile Format	Approx. Consumption	Approx. Coverage per 12.5 kg Bag
2 x 2 cm	0.8 kg/m ²	15.4 m ²
10 x 10 cm	0.6 kg/m ²	25.7 m ²
15 x 15 cm	0.4 kg/m ²	35.3 m ²
20 x 20 cm	0.3 kg/m ²	41.2 m ²

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 18 352 "Tile and slab work"
 - DIN 18 157 "Ceramic tiling work using the thin-bed method"
 - ZDB Bulletins:
 - "Exterior floor coverings"
 - "Movement joints"

Protection of the Workplace and the Environment:

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 immediately with water. In the event of skin or eye irritation, seek medical advice. When mixing wear a protective dust-mask. Use protective gloves. Presents no physiological or ecological risk when fully cured.

EMICODE EC 1 R PLUS – very low emission PLUS. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC).

Disposal:

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