



## joint mortar CRISTALLFUGE

### Flexible fine joint mortar, 1–6 mm

#### Properties

- For interior
- 1 to 6 mm joint width
- Quickly washable
- Smooth consistency
- Vapour permeable
- Cures without cracks
- Good binding and wash-off properties
- For porcelain stoneware and many other coverings
- Colours matched to the ESCOSIL-2000 and ESCOSIL-2000-ST silicone system

#### Areas of use

- CRISTALLFUGE is suited especially well to grouting absorbent ceramics consisting of earthenware and vitrified tiles, and it may be used for joint widths up to 6 mm in interior areas, mainly on walls, in dry, damp, and wet areas.

#### Application

1. Mix CRISTALLFUGE with clean water in a clean mixing bucket. Add 1.25-1.5 l water depending on the desired consistency and the type of ceramic to be joined, add 5 kg CRISTALLFUGE (5.0-6.0 l water for 20 kg CRISTALLFUGE), and then stir into a homogeneous, smooth compound. We recommend mixing with a suitable stirrer. After an activation time of 4 min., the joint mortar is stirred again. In order to avoid colour differences, the mix ratio must always be kept the same.
2. CRISTALLFUGE is added to the wall or floor areas with a suitable jointing board and pulled diagonally to the joint cleanly, so that the joint cross-section is filled completely. Do not scatter dry joint mortar powder.
3. After applying the joint mortar (control via finger test), wash the surface first with a moist sponge board. After approx. 5–15 minutes, depending on the absorbency of the covering, wash after cleanly with the sponge board.

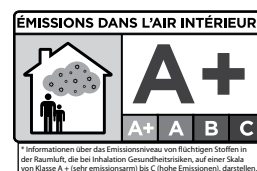
Please refer to the currently valid technical data sheet for additional instructions.

#### Application

- After the bedding mortar sets, scratch out the joints sufficiently deep.
- Next, clean the tiled finish sufficiently damp.
- The bedding mortar must be fully set, since otherwise discolourations in the grout finish could result.
- Pre-moisten strongly absorbing coverings with water equally.
- Joint edges must be clean and free of separating substances.
- The time of grouting of the tiles set in the thin-bed depends on the thin-bed mortar and amounts to approx. 3 to 72 hours. In case of thick-bed laying, the mortar bed must be sufficiently firm and equally dry.
- Do not grout on surfaces with different surfaces temperatures (e.g. due to sun exposure).
- The consistency of joint mortar must be specified depending on the absorbency of the covering and substrate to be grouted.

#### Consumption table

Tiles/boards format (in cm)	Joint width (in mm)	Joint depth (in mm)	Approx. consumption in m <sup>2</sup> (in kg)
2.0 × 2.0	1.5	2.0	0.58
10.0 × 10.0	3.0	6.0	0.70
15.0 × 15.0	3.0	6.0	0.49
20.0 × 20.0	3.0	8.0	0.49
20.0 × 25.0	3.0	8.0	0.45
30.0 × 30.0	5.0	8.0	0.55
30.0 × 40.0	4.0	10.0	0.48
30.0 × 60.0	4.0	10.0	0.41



1 Available floor surface, bonding bed is set



2 CRISTALLFUGE, suitable tools



3 Fill the joint mortar into a clean mixing bucket



4 Mix the joint mortar



5 Apply the joint mortar



6 Sliding diagonally across excess joint mortar



7 Moisten and press out the clean sponge board



8 Emulsify the joint mortar after setting



9 Rinsing off surfaces diagonally to the joint direction



10 Finished and jointed wall surface

# joint mortar

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### Technical data

Basis	Cement, high-quality additives, Cementitious aggregate
Colours	white, silver grey, Manhattan, titanium grey, Jura beige
Classification	EN 13888 CG 1
Application temperature	+5 °C to +25 °C
Pot life*	approx. 60 minutes
Water addition	5.0–6.0 l water: 20 kg CRISTALLFUGE 1.2–1.5 l water: 5 kg CRISTALLFUGE
Consumption	see consumption table
Foot traffic*	after approx. 12 hours
Withstands loads*	earliest after approx. 2 days
Packaging	5 kg foil bag, 10 kg foil bag

\*at +23 °C, 50 % rel. humidity



### Colours\*

silver grey	white	jasmine	pergamon
beige	caramel	Jura beige	brown
nut brown	grey	medium grey	Titanium grey
graphite	Bahama beige	sand grey	

\* Colour deviations are due to printing technology.

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