



## joint mortar CRISTALLFUGE-PLUS

### Multifunctional, rapid, flexible, fine-joint mortar 1–10 mm, CG 2 WA

#### Properties

- Rapid crystalline binding of the mixing water
- Protected against bacterial and fungicidal attack
- Protects against discolouration caused by the stone's own components with sensitive laying materials
- Rapid setting
- Good binding and wash-off properties
- Smooth consistency
- Vapour permeable
- Pigmented
- Polymer modified
- Cures without cracks
- For floor and wall heating systems
- Colours matched to the ESCOSIL-2000 and ESCOSIL-2000-ST silicone system

#### Areas of use

- CRISTALLFUGE-PLUS is suited especially to grouting joints in natural stones free of discolouration, e.g. limestones, Jura marble, Solnhofen boards, sensitive bright crystalline marble, granite, and ceramic made of porcelain stoneware, earthenware, vitrified tiles, glass mosaics, and more.
- CRISTALLFUGE-PLUS can be used for joint widths up to 10 mm in the interior and exterior area for heated wall and floor structures, mainly in dry, damp, and wet areas.

#### Application

1. Mix CRISTALLFUGE-PLUS with clean water in a clean mixing bucket. Add 1.25 l water depending on the desired consistency and the type of ceramic to be joined, add 5 kg CRISTALLFUGE-PLUS, and then stir into a homogeneous, smooth mass. We recommend mixing with a suitable stirrer. After an activation time of 2 min., the joint mortar is stirred again. In order to avoid colour differences, the mix ratio must always be kept the same.
2. CRISTALLFUGE-PLUS 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. 15–45 minutes, depending on the absorbency of the covering, wash after cleanly with the sponge board.

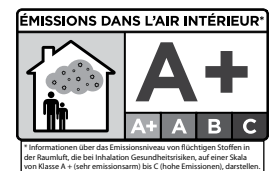
Please refer to the currently valid technical data sheet for additional instructions.

#### 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 surface 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 × 2	1.5	2.0	0.6
2 × 2	1.5	10.0	2.9
10 × 10	3.0	6.0	0.7
20 × 30	3.0	8.0	0.4
30 × 30	3.0	10.0	0.4
30 × 40	3.0	10.0	0.5
30 × 60	3.0	10.0	0.3
30 × 60	3.0	20.0	0.6
30 × 90	3.0	20.0	0.6



\* Informationen über das Emissionsniveau von flüchtigen Stoffen in der Raumluft, die bei Inhalation Gesundheitsrisiken auf einer Skala von Klasse A+ (sehr emissionsarm) bis C (hohe Emissionen), darstellen.



1 Available wall surface, bonding bed is set



2 CRISTALLFUGE-PLUS, 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



Note: The adjacent wall jointing process is also valid for floor areas

joint mortar

## CRISTALLFUGE-PLUS

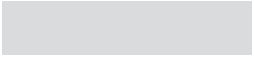














**Multifunctional, rapid, flexible, fine-joint mortar 1–10 mm,  
CG 2 WA**

### Technical data

Basis	Special cement, mineral aggregate materials, and high-quality additives
Colours	white, silver-grey, grey, jasmine, parchment, beige, caramel, Jura beige, brown, nut brown, medium grey, titanium grey, graphite, Bahamas beige, sand grey
Classification	EN 13888 CG 2 WA
Application temperature	+5 °C to +25 °C
Pot life*	approx. 30–45 minutes
Water addition	approx. 1.3 l water: 5 kg CRISTALLFUGE-PLUS
Consumption	see consumption table
Foot traffic* Withstands loads*	after approx. 2 hours after 1 day at the earliest
Packaging	5 kg foil bag, 10 kg foil bag

\*at +20 °C, 65% 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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