

Special joint grout

PCI Carrafug®

for natural stone slabs



Fields of application

- For indoor and outdoor use.
- For walls and floors.
- For heated screeds, balconies and terraces.
- For grouting natural stone slabs such as marble, travertine, granite, Solnhofen stone etc.
- For joint width from 1 to 8 mm.



Even sensitive natural stone slabs can be laid with PCI Carrafug reliably and without staining.

Features and benefits

- Crack-free curing, the grout does not crack or crumble.
- Fast setting, can be washed soon, walkable after approx. 6 hours, enables efficient working.
- Waterproof and frost resistant, multi-purpose use indoors and out.
- The curing process is practically independent from temperature, the best time for washing is nearly the same at low as well as high temperatures.
- Does not cause staining at the edge zones of sensitive natural stone.
- High filling volume.
- Temperature resistant from -20°C to +80°C.



Baustoffklasse DIN 4102-A2
nichtbrennbar

Technical data

Material

Material base	Powder mix consisting of cement, lightfast, alkali-resistant pigments and silica sand. Does not contain asbestos or other mineral fibres. No harmful silica dust during the application.	
Components	single component	
Shelf life	min. 12 months; store in a dry place, no permanent storage over +30°C	
Packaging size	stock no.	
5 kg bag		
Carrara white	no. 25	1317/5
Pearl grey	no. 26	1318/2
Jurabeige	no. 27	1319/9
Sand grey	no. 22	2738/7
Anthracite	no. 47	2737/0

Application

Consumption and coverage* tile format	consumption	5 kg of PCI Carrafug cover approx.
- 10 x 10 cm	approx. 880 g/m ²	5.6 m ²
- 15 x 15 cm	approx. 600 g/m ²	8.3 m ²
- 15 x 30 cm	approx. 450 g/m ²	11.1 m ²
- 30 x 30 cm	approx. 300 g/m ²	16.6 m ²
Processing temperature	+5°C to +25°C	
Gauging water for		
- 1 kg powder	approx. 0.20 l	
- 5 kg bag	approx. 1.00 l	
Joint width	1 to 8 mm	
Slake time	approx. 3 minutes	
Processing time**	approx. 40 minutes	
Walkable after**	approx. 6 hours	
Temperature resistance	-20°C to +80°C	

* At 3 mm joint width and 10 mm joint depth.

** At +23°C and 50% relative humidity. Higher temperatures reduce, lower temperatures increase the times given.

Colours



No. 22 sand grey



No. 25 carrara white



No. 26 pearl grey



No. 27 jura beige



No. 47 anthracite

Slight variations in colour may be possible due to printing.

Preparation of substrate

- Immediately after bedding the tiles, rake joints clean to a uniform depth

corresponding to the thickness of the tile. Allow bedding mortar to set. Do

not prewet joints before grouting.

Application procedure of PCI Carrafug

1 Fill gauging water (see Technical Data/Application) in a clean mixing bucket. Add PCI Carrafug and mix to a creamy, lump-free consistency using a suitable paddle (e.g. from Collomix) attached to an electric drill.

2 Allow to stand for approx. 3 minutes and briefly remix.

Grouting

3 Use a rubber grouting float (PCI Gummifugscheibe) for wall and floor application, a surface scraper can also be used on floors. Fill joints flush with the tile surface. Allow the grout to firm up in the joint (until it is resistant to thumb pressure) and scrape off excess

grout with a slightly damp sponge or sponge float.

4 Allow the grout to dry and remove the remaining grout film with a damp sponge.

Please note

- The absorbency of natural stone varies by nature. For this reason use a damp sponge for washing as otherwise the joint surface will become too rough.

- In case of very absorbent natural stones and quarry-rough natural stone slabs it is recommended to apply PCI Vorimprägnierung protective impregnation to the surface prior to grouting.

- **Do not** use a dry cloth for cleaning if the grout is still damp, but only a damp sponge as otherwise colour pigments are rubbed into the joints which might cause staining.

- Pigment residues may remain in the surface when colour-grouting marble

or natural stone with a rough surface. If you are uncertain carry out trial grouting.

- **Never** use PCI Carrafug for joint widths below 1 mm.

- Do not apply PCI Carrafug at temperatures below +5°C and above +25°C or in rain or draught.

- Never add water or wet grout and/or powder to reconstitute a PCI Carrafug mix which has already begun to set.

- Do not treat natural stone sensitive to acids, e.g. marble, with an acid cement stain remover or other acid-containing cleaners. We recommend in this case to use the special alkaline cleaner PCI Zementschleier-Entferner alkalisch.

- Exposure to acid-containing, cement-attacking cleaning agents may cause damage to the cured grout.

- Seal movement joints, corner joints and connection joints with PCI Carraferm elastic sealant (see technical data sheet).

- Clean tools with water immediately after use; when the product has cured it can only be removed by mechanical scraping.

- Suitable tools are available from e.g. Collomix GmbH, Horchstraße 2, 85080 Gaimersheim/Germany, www.collomix.de.

- Shelf life: min. 12 months; store in a dry place, no permanent storage over +30°C.

Information on the safe use

PCI Carrafug contains cement:

Causes serious eye damage. Causes skin irritation. May cause respiratory irritation.

Keep out of reach of children. Wear protective gloves (e.g. cotton gloves soaked in nitrile) and eye/face protection. Avoid breathing dust. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do.

Continue rinsing. Get immediate

medical

advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a

position comfortable for breathing. IF

ON SKIN: Wash with plenty of soap and

water and put skin cream on (pH value

approx. 5.5). IF SKIN IRRITATION

OCCURS: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

The product is non-flammable. No special fire precautions are therefore required.

Water hazard class 1 (self-rating).

Giscode ZP 1

For further information: see PCI Material Safety Data Sheet.

Disposal of emptied PCI sales packaging

PCI participates in an area-wide waste disposal system for sales packaging completely emptied. DSD – Duales System Deutschland (Dual System Germany, contract number 1357509) is

our partner for waste disposal. PCI sales packaging completely emptied can be disposed of via DSD in accordance with the symbol printed on the packaging.

Services for architects and designers

Consultations at the workplace, supplementary information, testing certificates and sample descriptions can

be requested from professional advisors and at the company headquarters.



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