

# PCI CARRAFUG

## Special grout for natural stone flags

### Uses

- For indoor and outdoor use.
- For walls and floors.
- For heated screeds, balconies and terraces.
- For grouting of polished natural stone flags such as marble, travertine, granite, Solnhofen stone etc.
- For joint widths from 1 to 5 mm.
- For natural stone coverings which will be ground and polished after grouting.

### User benefits

- **Crack-free hardening**, the grout does not crack or crumble.
- **Efficient grouting**, enables washing after a short time and can be walked on after approx. 6 hours.
- **Coverings can be ground** and polished after grouting.
- **Watertight and frost resistant**, multi-purpose use indoors and out.
- **Temperature resistant** from -20°C to +80°C.

### Packaging

5 kg bag

### Colours

no. 25 Carrawhite  
 no. 26 Pearl Grey  
 no. 27 Jurabeige  
 no. 22 Sand Grey  
 no. 47 Anthracite

### Technical data

Material base	Powder mixture consisting of cements, lightfast, alkali-resistant pigments and marble dust fillers. Does not contain any asbestos or other mineral fibres. No injurious silica dust during the application.
Components	1 part
Identification according to	
- Ordinance on hazardous goods	non hazardous
- Ordinance on combustible liquids	n/a
- Ordinance on hazardous substances	irritating, contains cement
For further information refer to paragraph Safety.	

### Application

Consumption	approx. 50 g powder/rm joint**
Yield	5 kg of PCI-Carrafug are sufficient for approx.
tile format	
- 10 x 10 cm	5.0 m2 **
- 15 x 15 cm	7.5 m2 **
- 15 x 30 cm	10.0 m2 **
- 30 x 30 cm	13.5 m2 **
Working temperature	+5°C to +25°C
Joint width	1 to 5 mm
Slake time*	approx. 3 minutes
Working time*	approx. 50 minutes
Walkable* after	approx. 6 hours
Grindable* after	approx. 3 days
Temperature resistance	-20°C to +80°C

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

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

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## Application substrate preparation

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 the joints prior to grouting.

1. Place gauging water (see Technical Data/Application) in a clean mixing vessel. Add PCI-Carrafug and mix with a suitable paddle (e.g. supplied by Collomix) attached to an electric drill until a plastic, lump-free consistency is achieved.
2. Re-mix after a slake time of approx. 3 minutes.

## Grouting

1. Use a PCI rubber float in wall and floor applications, also a rubber squeegee 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 lightly damp sponge or sponge board.
2. After drying remove the remaining grout film with a damp sponge.

## Note

- The absorbency of natural stones varies by nature. Therefore only use a damp sponge for washing as otherwise the joint surface will become too rough.
- In case of very absorbent natural stones it is recommended to apply a suitable impregnator to the surfaces prior to grouting (e.g. Fleckstop MN supplied by Lithofin, PO Box 1134, D-73236 Wendlingen, or Patina Fala Fleckschutz supplied by Patina Fala, Keferloher Str. 140, D-85540 Haar/Munich).
- If the grout is still damp **do not** use a dry cloth, but only a damp cloth for cleaning as

otherwise colour pigments are rubbed into the joints which might cause discolourations.

- After coloured grouting of marble or natural stones with a rough surface, pigments may be left in the surface. If in doubt carry out trial grouting.
- **Never** use PCI-Carrafug for joint widths below 1 mm.
- Conditions depending on the project must be taken into consideration when grinding and polishing grouted natural stone coverings at a later date. It is therefore recommended to consult the PCI Technical Advisory Service prior to grouting. The grouted coverings can be ground and polished after 3 days (at +23°C) at the earliest. Then the grout colour of PCI-Carrafug may appear lighter.
- To achieve a good strength and a uniform colour of the grout it is absolutely necessary to carry out grouting as early as possible after the installation of the tiles.
- Do not apply PCI-Carrafug at temperatures below +5°C and above +25°C, if exposed to rain or draughts.
- Never add water or fresh grout and/or powder to a PCI-Carrafug mix that has already begun to set.
- Do not treat natural stones sensitive to acids, e.g. marble, with a cement stain remover or other acid-containing cleaners.
- Exposure to acid-containing, cement-attacking cleaning agents may cause damage to the hardened grout.
- Seal expansion, corner and connection joints with the elastic sealant PCI Carraferm (see technical data sheet).

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- Clean tools with water immediately after use; once the product has hardened it can only be removed by mechanical means.
- Suitable tools can be supplied by e.g. Collomix GmbH, Horchstraße 2, D-85080 Gaimersheim, [www.collomix.de](http://www.collomix.de).

## Shelf life

Approx. 12 months if stored in a cool and dry location.

## Storage

Cool and dry

## Safety

PCI-Carrafug contains cement. Contact with moisture or gauging water sets off an alkaline reaction which may cause skin irritation and/or caustic burns to mucous membranes (e.g. eyes). Risk of severe eye injuries, therefore avoid contact with eyes and prolonged skin contact. In case of eye contact immediately rinse with plenty of water and consult a doctor. In case of skin contact take off contaminated, soaked clothing promptly and immediately wash with plenty of soap and water. Wear appropriate protective gloves. Keep out of children's reach. Low in chromates according to TRGS 613.

*For further information refer to the PCI Safety Data Sheet.*

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**As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.**

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