

# PCI CARRAGROUT **(high temperature version)**

## (PCI Carrafug®)

### Special joint grout for natural stone tiles

#### Areas of application

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



#### Features and benefits

- Crack-free hardening, the grout does not crack or crumble.
- Rapid setting, can be washed quickly and is walkable after approx. 6 hours, enables efficient working.
- Waterproof and frost resistant, multi-purpose use for indoors and outdoors.
- 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 with sensitive natural stone.
- High filling volume.
- Temperature resistant from -20°C to +80°C.

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### Technical data

#### Material

Material base	powder mixture consisting of cements, lightfast, alkali-resistant pigments and silica sand. Does not contain any asbestos or other mineral fibres. No injurious silica dust during the application.
Components	1 part
Colours	no. 25 Carrawhite no. 26 Pearl Grey no. 27 Jurabeige no. 22 Sand Grey no. 47 Anthracite
Packaging	5 kg bag
Shelf life	min. 12 months when stored in dry conditions.
Storage	no permanent storage over +40°C

#### Application

Consumption and coverage* tile format	consumption	5 kg PCI Carragrout are sufficient for approx.
- 10 x 10 cm	approx. 880 g/m <sup>2</sup>	5.6 m <sup>2</sup>
- 15 x 15 cm	approx. 600 g/m <sup>2</sup>	8.3 m <sup>2</sup>
- 15 x 30 cm	approx. 450 g/m <sup>2</sup>	11.1 m <sup>2</sup>
- 30 x 30 cm	approx. 300 g/m <sup>2</sup>	16.6 m <sup>2</sup>
Working temperature	+5°C to +40°C	
Gauging water for		
- 1 kg powder	approx. 0.26 litre	
- 5 kg bag	approx. 1.30 litre	
Joint width	1 to 8 mm	
Slake time	approx. 3 minutes	
Working 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.

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### 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 the joints prior to grouting.

### Application procedure

- Place gauging water (see grout Technical Data/Application) in a clean mixing vessel. Add PCI Carragrout and mix with a suitable paddle (e.g. available from Collomix) attached to an electric drill until a plastic, lump-free consistency is achieved.
- Re-mix after a slake time of approx. 3 minutes.
- Use a rubber float in wall and floor applications, also a surface scraper 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.
- After drying remove the remaining grout film with a damp sponge.

### Please 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 the protective impregnation to the surfaces prior to grouting.

- If the grout is still damp do not use a dry cloth, but only a damp sponge 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 Carragrout for joint widths below 1 mm.
- Do not apply PCI Carragrout at temperatures below +5°C and above +40°C or if exposed to rain or draughts.
- Never add water or wet grout and/or powder to reconstitute a PCI Carragrout mix that has already begun to set.
- Do not treat natural stones sensitive to acids, e.g. marble, with an acid cement stain remover or other acid-containing cleaners. We recommend to use the special alkaline cleaner.
- Exposure to acid-containing, cement-attacking cleaning agents may cause damage to the hard grout.
- Seal movement, corner and connection joints with the elastic sealant PCI Carraferm (see technical data sheet).
- Clean tools with water immediately after use; once the product is hard it can only be removed by mechanical means.



The Chemical Company

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## Health and safety

PCI Carragrout 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 serious damage to eyes, therefore avoid contact with eyes and prolonged contact with skin. In case of contact with eyes immediately rinse with plenty of water and seek medical attention. In case of contact with skin change contaminated clothing immediately and wash skin with plenty of soap and water. Wear appropriate protective gloves (e.g. cotton gloves soaked in nitrile). Keep out of reach of children.

If swallowed seek prompt medical attention and show packaging or this product data sheet.

Low in chromates according to TRGS 613.

*For further information refer to the Material 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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### BASF Construction Chemicals UAE LLC

P.O. Box 37127, Dubai, UAE

Tel: +971 4 8090800

www.basf-cc.ae

Fax: +971 4 8851002

e-mail: marketingcc.mideast@basf.com



Certificate No.  
963680



Certificate No.  
945787



Certificate No.  
772556