

CE 40

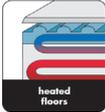


»AQUASTATIC«

Flexible, water-resistant grout mortar suitable for all kind of tiles, especially porcelain tiles, and joints of 1–8 mm width

CHARACTERISTICS

- ▶ Available in many uniform & long lasting colors
- ▶ Minimized discoloration and efflorescence
- ▶ Aquastatic effect
- ▶ Easy to clean and maintain
- ▶ High resistance to abrasion and cracks
- ▶ Optimal setting and cleaning time, especially in porcelain tiles
- ▶ Easy to mix and apply
- ▶ Resistant to fungi and mold
- ▶ Joint width 1 to 8 mm



SCOPE OF USE

- ▶ For indoor and outdoor use.
- ▶ For horizontal and vertical surfaces.
- ▶ Perfect for porcelain tiles.
- ▶ Suitable also for other kinds of tiles – stoneware, earthenware, terracotta, glass, natural stone, marble. (not sensitive ones)
- ▶ For deformable and critical substrates.
- ▶ On surfaces that require flexible grout – chipboard, gypsum plasterboard, underfloor heating etc.
- ▶ For bathrooms and kitchens.
- ▶ For balconies and patios.
- ▶ On underfloor heating.
- ▶ For façades.
- ▶ For areas exposed to pedestrian traffic, including: circulation routes, shopping centres, shops, corridors, etc.

Ceresit CE 40 should not be used:

- ▶ In areas where waterproofness and chemical



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resistance are required,

- ▶ Do not use the flexible grout instead where Silicone/Sealant is required).
- ▶ In areas exposed to high mechanical stress like industrial areas etc.

SUBSTRATE PREPARATION

Tile edges must be free of any dirt. Rake out joints to tile thickness before bedding adhesive sets and clean thoroughly. Start grouting only when the tile adhesive is set and dry. First check that CE 40 does not leave permanent marks on the tile surface.

APPLICATION

Pour CE 40 to precisely measured amount of clean, cool water and stir until it forms a homogeneous mixture, free of lumps. Do not use rusty/dirty containers and tools. Wait 3 minutes and stir again. Observance of required maturity time is essential. Apply the mortar over the tiled surface using a rubber grout float or epoxy board.

Make sure not to leave empty spaces between the tiles.

When the grout becomes matt in the gap please make the finger test in order be sure that grout is ready for demulsifying, start cleaning and profiling process. The waiting time before washing ranges from 8 to 35 minutes, depending on the water absorption of tiles, width and depth of gaps and the ambient and substrate temperature.

Remove the excess grout with a semi wet, frequently rinsed sponge. When cleaning do not use a dry cloth as this may cause a risk of discoloration by rubbing dried grout mortar into the damp grout. Ready for light foot traffic after 6 – 8 hours from application. Grout can be exposed to water for the first time after 24 h. During the first 5 days after application, use only clean water without any cleaning agents.

PLEASE NOTE

- ▶ Works should be carried out in dry conditions, at air and substrate temperature ranging from +5°C to +25°C.
- ▶ Excessive wiping of the grout joints can result in exposing the aggregate and make the joint surface rough and discolored.
- ▶ Dampened substrate under tiles, improper water dosing, non-uniform drying conditions and the method and technique of application may cause differences in the color of grout.
- ▶ Do not use cleaning agents with intensive color. To avoid differences in color shades in the same room use CE 40 with the same production batch number printed on the packaging.
- ▶ The actual color of the joint may differ from the color of the sticker on the package and colors presented in color charts.
- ▶ The final color of grout must be assessed after it has completely dried.
- ▶ The CR 40 powder is an irritant, and the cement content sets off an alkaline reaction with water. Therefore, skin and eyes should be protected. In the case of contact with eyes, eyes should be rinsed with plenty of water and medical advice should be sought.
- ▶ Fresh grout should be protected against rain, dew and temperatures below +5°C until joints are completely hard and dry.
- ▶ Up to 24 months from the production date, if stored on pallets, in dry conditions, in original and undamaged packages.

OTHER INFORMATION

Should you need support or advice, please consult our advisory service for architects and craftsmen on the **contact information** you will find on **the local Ceresit website**.

Apart from the information given here it is also important to observe the relevant guidelines, regulations and common standards of various organizations and trade associations. The aforementioned characteristics are based on practical experience and applied testing. Confirmed properties and possible uses which go beyond those listed in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23° C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed and that the product itself is subject to local conditions such as amount of water and hardening. A product from another production site may differ.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part or unless there is a case of personal injury or death or a case of liability under the Product Liability Act.

This technical data sheet supersedes all previous editions relevant to this product. Please be aware that this Technical Data Sheet only relates to a product manufactured in the specific relevant production site.



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TECHNICAL DATA

Base:	mixture of cements with mineral fillers and polymer modifiers		
Bulk density:	approx. 1.1 kg/dm ³		
Number of colours	40 (incl. 6 from Trend Collection)		
Mixing ratio:	– 0.52 l of water per 2 kg (white) – 0.6 l of water per 2 kg (chilli, coal) – 0.56 l of water per 2 kg (other colours) – 1.3 l of water per 5 kg (white) – 1.5 l of water per 5 kg (chilli, coal) – 1.4 l of water per 5 kg (other colours)		
Temperature of application:	from +5°C to +25°C		
Initial maturing time:	approx. 3 min		
Pot life:	up to 1,5 h		
Ready for foot traffic:	after 6 hours		
Water absorption:	– after 30 min: ≤ 2 g – after 240 min: ≤ 5 g acc. to EN 13888		
Temperature resistance:	from -30°C to +70°C		
Resistance to high abrasion:	≤ 1000 mm ³ acc. to EN 13888		
Compressive strength:	– in dry conditions: ≥ 15 MPa – after cycles of freezing and thawing: ≥ 15 MPa acc. to EN 13888		
Bending tensile strength:	– in dry conditions: ≥ 2.5 MPa – after cycles of freezing and thawing: ≥ 2.5 MPa acc. to EN 13888		
Shrinkage:	≤ 3 mm/m acc. to EN 13888		
Indicative consumption for tiles with standard thickness:	Tile size (cm)	Joint width (mm)	Consumption (kg/m ²)
	5 x 5	2	0.5
	5 x 5	3	0.7
	10 x 10	2	0.4
	15 x 15	3	0.4
	10 x 20	3	0.4
30 x 30	5	0.6	

This product is compatible with EN 13888:2010, it has obtained the hygienic approval No BK/W/0430/01/2018, valid until 26 April 2021, issued by the National Institute of Hygiene, and the permit of the Minister of Health No 4374/11 for biocide trading.



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