CE 40 PLUS

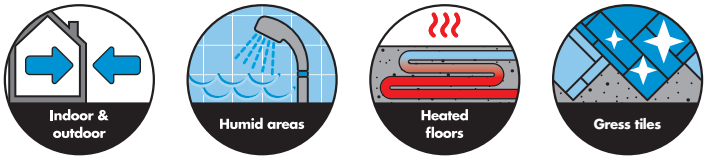
ULTIMATE FLEX GROUT

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

Ceresit
Together, We Build

CHARACTERISTICS

- Available 40 uniform & trendy colours
- High color stability
- Perfectly smooth surface
- Easy to mix
- Super easy application due to the creamy consistency
- Reduced water absorption
- High resistance to abrasion and cracks
- Optimal setting and cleaning time
- Resistant to fungi and mold
- For indoor and outdoor use, on balconies and terraces





SCOPE OF USE

- For indoor and outdoor use
- For walls and floors
- Ideal for all kind of the tiles
- For deformable and critical substrates
- On surfaces that require flexible grout – chipboard, gypsum plasterboard, underfloor heating etc.
- For bathrooms and kitchens
- For balconies, terraces and patios
- On underfloor heating
- For facades

For areas exposed to pedestrian traffic, including: circulation routes, shopping mall, shops, corridors, etc.

In case of application is needed in objects like swimming pools or tanks, objects with permanent water load or chemical resistance is needed, it is recommended to apply relevant Epoxy Grout.
For proper advise please contact technical advisors.

Ceresit CE 40 PLUS should not be used in areas:

- where silicone/sealant is required,
- 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 PLUS does not leave permanent marks on the tile surface.

APPLICATION

Pour CE 40 PLUS 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.

The waiting time before washing ranges from 5 to 50 minutes, depending on the water absorption of tiles, width and depth of joints, substrate temperature and external conditions.

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 +40°C.

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- 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.
- In case of need using detergent on intensive colors, it is recommended to make a test on low exposed area to make sure detergent doesn't destroy color.
- To avoid differences in color shades in adjacent rooms use CE 40 PLUS 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 CE 40 PLUS 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 36 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 afore mentioned 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.

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.

TECHNICAL DATA

Base:	mixture of cements with mineral fillers and polymer modifiers
Bulk density:	approx. 1.1 kg/dm^3
Number of colours:	40 colours
Mixing ratio:	Depending on the colour – the exact amount of water to be added is specified on the packaging.
Temperature of application:	from +5°C to +40°C
Initial maturing time:	approx. 3 min
Pot life:	up to 90 min
Ready for foot traffic: Ready for water load: Full water, detergent and mechanical resistance:	after 6 hours after 24 hours after 5 days
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	0.6
30x30	3	0.5
30x60	3	0.4
60x60	3	0.3
60x120	3	0.2
100x100	3	0.1

Indicative consumption depends on the thickness, structure, and absorbency of the tiles and is for illustrative purposes only.

This product is compatible with EN 13888:2010, it has obtained the hygienic approval No B.BK.60111.0301.2026, valid until 08.05.2031, issued by the National Institute of Hygiene.



*according to Cradle to Gate analysis from cement producer. More info on www.ceresit.com.

COLOR PALETTE

- White 01
- Carrara 03
- Pergamon 93
- Manhattan 10
- Platinium 14
- Antracite 13
- Graphite 16
- Carbon 17
- Iron Grey 111
- Sky 80
- Marable White 102
- Ice Glow 195
- Silver 04
- Steel 107
- Grey 07
- Cementgrey 12
- Bazalt 15
- Coal 18
- Night Glow 191
- Ocean 88
- Jasmine 40
- Natura 41
- Bahama 43
- Toffi 44
- Frappe 45
- Cocoa 52
- Chocolate 58
- Almondtree 145
- Clinkier 49
- Mint 64
- Melba 22
- Cream 28
- Caramel 46
- Sienna 47
- Taupe 48
- Terra 55
- Brown 59
- Balibrown 60
- Chili 37
- Kiwi 67

The color of the grout in the sample may differ from the color obtained after applying the grout between tiles. The final color of the grout depends on the level of absorbency and type of tiles.

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