

Ceresit



CM 17

WHITE

Fibre reinforced super flexible white grout & adhesive

CHARACTERISTICS

- ▶ for natural and artificial stone tiles
- ▶ for marble, granite, travertine, reconstituted stone
- ▶ for stoneware, ceramic and cement tiles and for glass mosaic tiles
- ▶ reinforced with fibres
- ▶ for use on critical substrates: terraces, balconies, façades, stairs, swimming pools
- ▶ for use on heated substrates for sealing coatings
- ▶ for use on OSB, plasterboard, old tiles
- ▶ medium layer of up to 10 mm



APPLICATION

The Ceresit CM 17 grout and adhesive is suitable for tiles made of marble, granite, travertine, reconstituted stone, light limestone, sandstone and other coarse-grained rocks which are not prone to staining. It is also suitable for bonding ceramic, stoneware, glazed ceramic, terracotta tiles and all types of mosaic tiles, e.g. glass or ceramic. The adhesive grout is suitable for both indoor and outdoor use, on critical substrates where formability is required. It can be used in swimming pools, on terraces, balconies, stairs, heated floors, façades as well as on oriented strand boards and the already existing ceramic cladding (only indoors). It also works well in the places exposed to intensive traffic and service loads such as traffic routes, corridors, schools, markets, stores, restaurants, etc.

Each time before fixing the tiles it is recommended to make your own application test to check whether the grout & adhesive may stain the tiles.

The Ceresit CM 17 White grout & adhesive is very easy to mix (100% homogeneous), moreover, during application it has very good characteristics, i.e. with every stroke of a notched trowel the application becomes easier. It is also highly adhesive, it spreads well and easily under tiles thus providing a flexible bonding between the tiles and flexible

substrate that is capable of transferring shearing stress. The Ceresit CM 17 White grout & adhesive is suitable for use on industrial ceramic floors where there is a high exposure load on the ceramic covering.

Thanks to the shrinkage-free drying and setting, glued tiles are stable both in the first setting phase and after complete drying.

For other types of tiles, substrates or applications, use appropriate Ceresit adhesives.

CM 17 White can be used in ecological and energy efficient buildings as well as in passive buildings.

SURFACE PREPARATION

The CM 17 White grout & adhesive can be used on load-bearing and dry substrates which are free from any adhesion-reducing substances (such as grease, bitumen, dust):

- concrete (not earlier than 3 months after casting, moisture content below 4%),
- cement screeds and plasters, cement-lime plasters (not earlier than 28 days after casting, moisture content below 4%);
- gypsum plasterboards (12.5 mm thick) – primed with Ceresit CT 17,

- solid and well adherent coatings, sanded with sandpaper, dusted and primed with CT 17,
- anhydrite (moisture content below 0.5%) and gypsum substrates (moisture content below 1%) - sanded, dusted and primed with Ceresit CT 17,
- cellular concrete, dusted, primed with CT 17,
- oriented strand boards and wood particle boards (> 22 mm thick) – mechanically sanded and primed with Ceresit CN 94 or CT 19,
- existing ceramic and stone tiles – cleaned, degreased and primed with Ceresit CN 94 or CT 19.

Any existing dirt, old layers and paint coatings of low durability must be removed mechanically. Absorbent substrates should be primed with Ceresit CT 17 and allowed to dry for at least 2 hours. It is also recommended to use the CT 19 primer in the case of a terrazzo substrate, which you should carefully clean and degrease before application of the primer.

Any roughness of the substrate that does not exceed 10 mm can be levelled during bonding of the tiles with the CM 17 White grout & adhesive. In the case of larger bumps, use Ceresit CN on the floors or Ceresit CT 29 on the walls.

PERFORMANCE

Pour the contents of the package gradually into a clean container filled with an appropriate amount of clean, cool water. Then mix with a mechanical slow-rotary mixer until you obtain a homogeneous mass with no lumps. After about 5 minutes mix the adhesive again and proceed to its application on the substrate. Use a notched trowel to apply the adhesive to the substrate. The size of the trowel notches depends on the size of the tiles. The correct size and spacing of the trowel notches prevent a typical ceramic tile, pressed onto the adhesive, from sliding down the vertical plane and allow the adhesive to coat at least 75% of the underside surface of the tile. If you are gluing tiles outside or if you are gluing tiles made of natural stone, use a combined method, i.e. apply an additional, thin layer of the grout to the underside of a tile. If the underside of your tiles is dirty, clean it carefully before proceeding to the gluing process. Do not soak tiles in water! Lay them on the adhesive and press while the adhesive is still sticky to your hands. Always leave gaps between tiles! The right spacing between tiles depends on the size of tiles and the conditions in which they will be utilised. You can remove fresh grout & adhesive from tiles with water, whilst dried product must be removed mechanically. Fill joints not earlier than after 24 hours, using the CE 40 Aquastatic grout.

The joints between tiles, joints in wall corners, wall-floor joints as well as the spaces where the tiles reach bathroom fittings should be filled with silicone.

CAUTION

Any tiling work should be done in dry conditions, with the air and substrate temperature between +5°C and +25°C. All data refer to a substrate, material and ambient temperature of +23°C and a relative humidity of 50%. In other climatic conditions, the indicated parameters may vary. Do not add any additives or substances to the adhesive. Protect the adhesive from drying too fast and from getting damp.

The CM 17 White grout & adhesive contains cement and its contact with water causes an alkaline reaction. Protect your skin and eyes. In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice.

RECOMMENDATIONS

This product data sheet defines the scope of application of the material and the recommended method of executing the work, but it cannot replace a professional

preparation of the construction worker. Aside from these recommendations always follow good engineering practices and OHS principles. The manufacturer guarantees the quality of the product, but has no control over the conditions and method of its use. When gluing thin natural stone tiles, on the surface of tiles a temporary discolouration can be observed resulting e.g. from high absorbency of the material. The stains will disappear when the adhesive is totally dry, approximately 7 days from application. When fixing stone tiles that are susceptible to staining, it is imperative that you perform your own application tests to make sure that the adhesive does not stain the tiles. In addition, when bonding marble tiles and light translucent stone tiles - always apply a thin layer of mortar to the mounting surfaces of the tiles. In case of any doubts do your own application tests. With the release of this product data sheet all previous product data sheets are no longer valid.

STORAGE

CM 17 White can be stored for up to 12 months in the original sealed packaging, in a dry place. Protect the product from getting damp during transport and storage.

PACK SIZE

25 kg bags.

TECHNICAL DATA

Base:	blend of cements with mineral fillers and polymer modifiers
Mixing proportions:	approx. 7.75-8.25 l of water per 25 kg
Application temperature:	between +5°C and +25°C
Initial setting time:	approx. 5 min.
Working time:	up to 2 hours
Extended open time (according to EN 12004: 2007 + A1:2012):	tensile adhesion strength ≥ 0.5 N/mm ² , after not less than 30 min
Slip (according to EN 12004: 2007 + A1:2012):	≤ 0.5 mm
Grout:	after 24h
Maximum size of glued tiles:	80x80cm
Foot traffic can be allowed:	after 24 h
Full load allowed:	after 3 days
Joint strength expressed as:	Initial adhesion strength: ≥ 1.0 N/mm ²
Durability in conditioning/thermal ageing conditions defined as:	Adhesion strength after heat ageing ≥ 1.0 N/mm ²
Durability under the impact of water/moisture defined as:	Adhesion strength after water immersion ≥ 1.0 N/mm ²
Durability under the impact of freeze/thaw cycles defined as:	Tensile adhesion strength after freeze/thaw cycles ≥ 1.0 N/mm ²
Reaction to fire (in accordance with EN 12004: 2007 + A1:2012):	Class A1;A1 _f
Content of dangerous substances:	meets the requirements: see the Product Data Sheet
Temperature resistance:	between -30°C and +70°C

refers to an even substrate; the coverage may vary depending on the evenness of the substrate and the type of tiles

Approximate yield:

Tile length (cm)	Trowel notch size (mm)	Coverage (kg/m ²)
10	4	1.3
15	6	2.0
25	8	2.6
30	10	3.1
>30	12	3.8

– Product consistent with the PN-EN 12004:2008 standard.

Any technical advice can be obtained from the telephone numbers:

+48 800 120 241

+48 41 3710124.

In addition to the information provided in this data sheet, the rules of the trade, guidelines of institutes and associations, relevant national and European standards, approval documents, health and safety regulations, etc. must be observed. The properties and technical characteristics listed above are based on practical experience and tests. Any properties and applications of materials outside the scope of this data sheet require our written consent. All data refers to a substrate, ambient and material temperature of +23°C and a relative humidity of 50%, unless otherwise stated. Under other climatic conditions, the specified parameters may vary.

The information contained in this data sheet, in particular recommendations concerning the method and conditions of application and the scope of application and use of our products, is based on our professional experience. This technical sheet defines the scope of application of the material and the recommended method of executing the work, but it cannot replace the professional preparation of the contractor. The manufacturer guarantees the quality of the product, but has no control on the conditions and method of its usage. Since the conditions under which the products are used may change, it is recommended to perform your own tests in case of any doubts.

We will not be liable for the above information or any verbal recommendation related thereto, except in cases of gross negligence or wilful misconduct. This technical sheet replaces all previous versions applicable to this product.



Quality for Professionals

