

CM 16 - FLEXIBLE

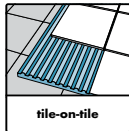
FLEXIBLE POLYMER MODIFIED CEMENTITIOUS TILE ADHESIVE

Extended open time and high vertical slip resistance



CHARACTERISTICS

- ▶ Suitable for ceramic, vitrified, porcelain, mosaic, granite, sand stone and marble tiles
- ▶ Flexible - polymer modified
- ▶ For indoor and outdoor areas
- ▶ For walls and floors
- ▶ Non-slip, perfect for walls
- ▶ Recommended for swimming pools and wet areas
- ▶ Easy application
- ▶ Does not contain asbestos, chromated copper arsenate & lead



PRODUCT SCOPE

- Ceresit CM 16 is a polymer modified cementitious tile adhesive for indoor and outdoor areas to permanently install tiles on:
 - Light weight AAC blocks, concrete blocks, wood and cement boards, and soundproofing panels*
 - Gypsum and anhydrite substrates (inside)*
 - Swimming pools and wet areas with extended water penetration such as bathrooms, kitchens, and toilets
 - Utility rooms (e.g. cellars, storerooms, drying rooms, corridors, stairs, anterooms and living rooms)
 - Balconies and terraces
 - On substrates subjected to slight deformation such as plasterboards*, wood chip-boards, and heated floors
- * Primed with a suitable primer from Henkel
Kindly contact your local Henkel technical advisor for further assistance.

APPLICABLE STANDARDS

Tested according to EN 12004, ANSI A118.1 & ANSI A118.4

SUBSTRATE PREPARATION

Ceresit CM 16 can be applied on even, load-bearing and compact substrates, free of any substances that reduce adherence (grease, dirt and dust).

Indoors and outdoors:

- Concrete (having residual moisture $\leq 2\%$)
- Cement screeds (without floor heating), plasters, cement and lime plasters (having residual moisture $\leq 1.5\%$)



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Indoors:

- Anhydrite substrates (without floor heating and having residual moisture $< 0.5\%$) and gypsum substrates (having residual moisture $< 1\%$) that are mechanically roughened, dust-free and primed*
 - Aerated concrete (that is dust-free and primed*)
- Substrates must not be wet. Cement and concrete screeds must be fully cured prior to application. Any existing dirt, loose debris and coatings should be removed mechanically. Absorbent substrates should be primed* and left to dry for at least 2 hours. Surface unevenness of up to 5mm can be filled on the previous day using Ceresit CM 16 tile adhesive.
* Primed using a suitable primer from Henkel.

APPLICATION

Pour Ceresit CM 16 into the precisely measured amount of clean cold water (as instructed in the technical data sheet) and mix using a slow speed drill until a homogenous mass without lumps is achieved. Leave for 2 minutes and then mix again. Apply the tile adhesive with a suitable notched trowel on the substrate. The size of the trowel's teeth depends on the size of the tile. For indoor use, the tile adhesive should cover at least 65% of the tile's backside. For outdoor uses, the back-buttering method should be followed to cover at least 90% of the tile's backside. Place the tiles only during the open time of the adhesive. The width of the grouts should be the same and should depend on

