eurocol

the strong connection

8-11-2026

777



FLEXICOL

Flexible powder tile adhesive for bonding ceramic wall and floor tiles, mosaic and flat dark-coloured natural stone. Can be used on almost any cement-based substrate, concrete, existing tiling, underfloor heating, etc.

PRODUCT TYPING

Base	Cement-based powder with additives and a high synthetic binder content to be mixed with water.
Color	Grey and white.

- Suitable for almost all subfloors
- High initial adhesion strength
- High final bond strength
- Permanent flexible
- For wall and floor
- Suitable for underfloor heating

PROPERTIES

Classification	C2TE according to NEN EN 12004. A cement-based tile adhesive with an increased slip resistance and an extended open time.
Consumption	1.2 - 3.5 kg/m^2, depending on the smoothness of the subfloor and type of tile.

APPLICATION

- For the flexible fixing of wall and floor tiles on almost all subfloors (e.g. wood, concrete, old tiles etc.).
- Also very suitable for fixing wall tiles on uneven subfloors (e.g. lime-sand stone) and for fixing non-absorbent tiles on non-absorbent walls.
- Not suitable for outdoor applications and in case of water pressure (constant moisture-pressure). Use 705 Watertight Tile Adhesive, 733 Suprior S2, 720 Unicol, 711 Uniflex or 795 Uni-Quick.
- Because of the possibility of discoloration, 777 Flexicol grey is not suitable for fixing glass-mosaic and light-coloured natural stone, such as marble. For these applications we recommend 777 Flexicol white.

PROCESSING

Storage	Store cool, dry and in closed packaging.
Mixing ratio	25 kg 777 Flexicol to approx. 6 litres of water.
Curing	24-48 Hours, depending on the subfloor and temperature. Lower temperatures will slow down the bonding time.
Open time	Place the tiles within approx. 15 minutes into the wet adhesive, depending on the subfloor and temperature.

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Processing time	Apply the mixture within 90 minutes.
Waiting time	After mixing with water wait for a few minutes, stir once again and apply the mortar on the subfloor.
Shelf Life	12 Months, in unopened packaging. After use close the open packaging well.
Application temperature	From 5° to 25 °C (temperature of the surrounding as well as the subfloor).

** The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

Substrate:

- The subfloor must have a good tensile and compression strength. The subfloor should also be smooth, dry and free from grease, dirt and dust..
- Wooden floors, made of floorboards, should be sufficiently supported underneath (distance between the beam maximum 60 cm). To attain a fixed construction screw water-resistant plywood (minimum 12 mm thickness) on top of this layer. Thereafter apply 099 Dispersion Primer and prime completely with 685 Eurocoat. Maximum tile size 30x30 cm.
- For calcium sulphate-bound cast floors (anhydrite), use 725 Alphycol.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- Add 25 kg of 777 Flexicol to approx. 6 litres of cool and clean tap water and stir the mortar for one minute, by using an electric stirrer (approx. 600 rpm), to a smooth and homogeneous mixture.
- After stirring wait for a few minutes, stir once again and apply the adhesive on the subfloor with the recommended adhesive spreader (see spreading capacity/notched spreader).
- Place the tiles within approx. 15 minutes with a shuffling movement into the adhesive. Check regularly to ensure that the back of the tile is in full contact with the adhesive. Remove excess adhesive immediately from the joints.
- Apply the mixed adhesive within 90 minutes. Do not add extra water!
- Floor tiles are passable after 24 hours.
- Under normal circumstances, i.e. a temperature of 20 °C and a relative humidity of 65%, the joints may be filled after minimum 24 hours.
- Dispose of product residues and cleaning water in accordance with local environmental regulations and do not empty into the sewer system.

Spreading capacity/notched spreader for powder tile adhesives:

The smoothness of the subfloor and type of tile are determining for the adhesive spreader to be used. Selection of the notched spreader should be made in such way that a minimum adhesive contact of 80% is guaranteed (equally divided over the back of the tile). Check the adhesive contact regularly.

Spreader , 4x4 mm : Spreading capacity approx. 1.2 kg/m^2
Spreader , 6x6 mm : Spreading capacity approx. 2.0 kg/m^2
Spreader , 8x8 mm : Spreading capacity approx. 2.7 kg/m^2
Spreader , 10x10 mm : Spreading capacity approx. 3.5 kg/m^2

QUALITY AND GUARANTEE

NEN EN 12004 C2TE conform

ENVIRONMENT AND HEALTH

MSDS For extensive information about safety and environment we refer to our website www.eurocol.nl.

Environment and Health

- Environmental Product Declaration EPD-DBC-20220217-IBF1-EN.

ITEM DATA

Article Definition Packaging EAN-code

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777	Flexicol	25 kg bag	
	grey		8 710345 777018
	white		8 710345 777209

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