eurocol

the strong connection

8-11-2026

709

SUPERFLEX

Flexible cement-based tile adhesive for bonding ceramic wall and floor tiles, mosaic and flat dark-colored natural stone. Applicable to almost any cement-based surface, concrete, existing tiling, underfloor heating etc. Thanks to Emicode EC 1PLUS (very low emission), also suitable for BREEAM projects.



PRODUCT TYPING

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

- Emicode EC 1PLUS (Very low emission)
- Suitable for almost all subfloors
- Permanent flexible
- High initial adhesion strength
- High final bond strength
- For wall and floor
- Suitable for underfloor heating

PROPERTIES

Classification	C2TE and S1 (flexible) according to NEN-EN 12004. A flexible powder tile adhesive with increased stability and an extended open time. GEV-EMICODE EC 1PLUS (very low emission) tested according to EN 13999-2/4. Suitable for BREEAM projects.
Consumption	1.2 - 3.5 kg/m^2, depending on the smoothness of the subfloor and type of tile.
Flammability	Non-flammable.

APPLICATION

- For fixing floor tiles, mosaic and flat, dark-coloured natural stone on almost any type of subfloor e.g. wood, old tiles, granito and underfloor heating.
- Also suitable for fixing wall tiles on uneven subfloors (e.g. sand-lime bricks) and for fixing non-absorbent tiles on non-absorbent walls.
- For outdoor use contact our technical advisers. Not suitable in case of water-pressure (constant moisture pressure).
- Because of the possibility of discoloration 709 Superflex grey is not suitable for fixing glass-mosaic and light-coloured natural stone, such as marble. For these applications we recommend 709 Superflex white.

PROCESSING

Storage	Store cool and dry in unopened packaging.
Mixing ratio	Add 25 kg 709 Superflex to approx. 6.5 litres of water. Add 5 kg 709 Superflex to approx. 1.3 litres of water
Curing	1-5 Days, depending on the subfloor and temperature. Lower temperatures will slow down the drying

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	time.
Open time	Place the tiles within 15 to 20 minutes into the wet adhesive, depending on the subfloor and temperature.
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 mixture 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.
- Prime moisture-sensitive, absorbent surfaces, such as plaster-like walls, with 099 Dispersion Primer. Provide these surfaces in the spray area with a completely closed layer of 685 Eurocoat, so that a closed layer is created between tile adhesive and surface.
- Prime self-levelling anhydrite floors with a residual construction moisture percentage of 0.5% with 044 Europrimer Multi or 099 Dispersion Primer (drying time minimum 12 hours).
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- Add 25 kg of 709 Superflex to approx. 6.5 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 15 to 20 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!
- 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.

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

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.
- Low dust with dust factor < 5% components with a particle size of < 2 µm (micrometer).
- Tested for emission of volatile organic compounds and has tested EMICODE EC 1PLUS in accordance with EN 13999-2/4.
- Meets the criteria of BREEAM-NL HEA 9 Volatile organic compounds; promoting healthy and good indoor air quality because the building and finishing materials used cause low emissions of harmful volatile organic compounds and other harmful substances. Suitable for BREEAM new construction and renovation.

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ITEM DATA

Article	Definition	Packaging	EAN-code
709	Superflex	25 kg bag	
	grey		8 710345 709026
	white		8 710345 709019
	grey	5 kg box	8 710345 709262
	grey	5x5 kg box	8 710345 709255



Package 25 kg



Package 5 kg

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