

eurocol 709

the strong connection



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 structures, etc. Thanks to Emission EC 1PLUS (very low emissions), 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.

- Very low emission
- Emission EC 1PLUS
- Suitable for almost all subfloors
- Very suitable for underfloor heating systems
- Permanent flexible
- High initial adhesion strength
- High final bond strength

PROPERTIES

Aging	709 Superflex does not deteriorate with age.
Classification	Flexible cement-based tile adhesive, which as far as final bond strength and frost-resistance complies with C2TE, according to NEN EN 12004.
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, granite and underfloor heating systems.
- 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

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Curing	1-5 Days, depending on the subfloor and temperature. Lower temperatures will slow down the drying 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, clean, free from grease and dirt, according to the requirements of DIN 18 352.
- 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 or absorbent subfloors e.g. gypsum-based walls wit 099 Dispersion Primer. Apply 685 Eurocoat in the shower area to attain an impervious layer between the tile adhesive and subfloor.
- Prime self-levelling anhydrite floors with a residual construction moisture percentage of 0.5% with 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 no. 19, 4x4 mm : Spreading capacity approx. 1.2 kg/m²
 Spreader no. 12, 6x6 mm : Spreading capacity approx. 2.0 kg/m²
 Spreader no. 13, 8x8 mm : Spreading capacity approx. 2.7 kg/m²
 Spreader no. 14, 10x10 mm : Spreading capacity approx. 3.5 kg/m²

QUALITY AND GUARANTEE



ENVIRONMENT AND HEALTH

Safety and environment Safety data sheets of Forbo Eurocol products according to EEG-guideline 91/155.
 MSDS For extensive information about safety and environment we refer to our website www.eurocol.nl.

ITEM DATA

Article Definition Packaging EAN-code

709 Superflex 25 kg bag

709 SUPERFLEX

grey		8 710345 709026
white		8 710345 709019
grey	5 kg box	8 710345 709262
grey	5x5 kg box	8 710345 709255

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