eurocol

the strong connection

691

TILE ADHESIVE

Cement-based tile adhesive for bonding ceramic wall and floor tiles, mosaic and flat dark-colored natural stone on rigid stone surfaces.

PRODUCT TYPING

Base	Cement-based powder with additives to be mixed with water.
Color	Grey.

- Suitable for solid subfloors
- Moisture-resistant
- High initial adhesion strength
- High final bond strength

PROPERTIES

Aging	691 Tile Adhesive does not deteriorate with age.
Classification	C1 according to NEN EN 12004-2:2017. A cement-based tile adhesive.
Consumption	1.2 - 3.5 kg/m^2, depending on the smoothness of the subfloor and type of tile.

Forbo Eurocol Nederland B.V. | Industrieweg 1-2 | Postbus 130 | 1520 AC Wormerveer | Tel: +31 (0)75 627 16 00 | info.eurocol@forbo.com
Forbo Eurocol Deutschland GmbH | August-Röbling-Straße 2 | DE - 99091 Erfurt | PF 80 02 53 | Telefon: +49 361 730 41 0 | info.eurocol.de@forbo.com

Eurocol is part of the Forbo Group

APPLICATION

- For fixing wall and floor tiles, mosaic and flat dark coloured natural stone on solid, stony subfloors.
- Not suitable for outdoor use and water pressure (constant moisture-pressure). For this purpose use a moisture- and frost-resistant tile adhesive from Eurocol.
- Because of the possibility of discoloration, not suitable for fixing glass-mosaic and light-coloured natural stone, such as marble. For these applications we recommend 711 Uniflex or 681 Marmercol.
- Not suitable for tiles with a moisture-absorbency capacity of 1% or less, tested in accordance with NEN EN 14411.

PROCESSING

Storage	Store cool and dry in unopened packaging.
Mixing ratio	Add 25 kg 691 Tile Adhesive to approx. 6.5 litres of water. 5 kg 691 Tile Adhesive to approx. 1.3 litres of water.
Curing	1-2 days, depending on the subfloor and temperature. Lower temperatures will slow down the drying time. During the setting of the adhesive, the temperature must remain above 5°C during the day and at night.
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 5º C to 25 ºC (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.
- Prime all moisture-absorbent, stony walls with 099 Dispersion Primer (drying time minimum 1-2 hours).
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- Add 25 kg of 691 Tile Adhesive to approx. 6.5 litres of cool and clean tap water and stir the mortar for 1 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).
- Press 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.
- The mixed adhesive must be applied 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

Forbo Eurocol Nederland B.V. | Industrieweg 1-2 | Postbus 130 | 1520 AC Wormerveer | Tel: +31 (0)75 627 16 00 | info.eurocol@forbo.com
Forbo Eurocol Deutschland GmbH | August-Röbling-Straße 2 | DE - 99091 Erfurt | PF 80 02 53 | Telefon: +49 361 730 41 0 | info.eurocol.de@forbo.com

Eurocol is part of the Forbo Group

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	Min. order
691	Tile Adhesive	25 kg bag	8 710345 000604	
691	Tile Adhesive	5x5 kg box	8 710345 691048	
691	Tile Adhesive	5 kg box	8 710345 000017	5 pieces

Package 5 kg

Package 25kg

Forbo Eurocol Nederland B.V. | Industrieweg 1-2 | Postbus 130 | 1520 AC Wormerveer | Tel: +31 (0)75 627 16 00 | info.eurocol@forbo.com
Forbo Eurocol Deutschland GmbH | August-Röbling-Straße 2 | DE - 99091 Erfurt | PF 80 02 53 | Telefon: +49 361 730 41 0 | info.eurocol.de@forbo.com

Eurocol is part of the Forbo Group