

# eurocol

# 691

the strong connection

8-9-2026



## 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 <sup>2</sup> , depending on the smoothness of the subfloor and type of tile. |

### 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.                                                                                                                                     |

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## Application temperature

From 5° C 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.
- 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<sup>2</sup>  
Spreader 6x6 mm : Spreading capacity approx. 2.0 kg/m<sup>2</sup>  
Spreader 8x8 mm : Spreading capacity approx. 2.7 kg/m<sup>2</sup>  
Spreader 10x10 mm : Spreading capacity approx. 3.5 kg/m<sup>2</sup>

## 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](http://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   |

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Package  
5 kg



Package 25kg

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