

# eurocol

# 691

the strong connection



## TILE ADHESIVE

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

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### PRODUCT TYPING

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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

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### PROPERTIES

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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.

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## APPLICATION

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- 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 Marmocol.
- Not suitable for tiles with a moisture-absorbency capacity of 1% or less, tested in accordance with NEN EN 14411.

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## PROCESSING

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<b>Storage</b>	Store cool and dry in unopened packaging.
<b>Mixing ratio</b>	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.
<b>Curing</b>	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.
<b>Open time</b>	Place the tiles within 15 to 20 minutes into the wet adhesive, depending on the subfloor and temperature.
<b>Processing time</b>	Apply the mixture within 90 minutes.
<b>Waiting time</b>	After mixing with water wait for a few minutes, stir once again and apply the mixture on the subfloor.
<b>Shelf Life</b>	12 Months, in unopened packaging. After use close the open packaging well.
<b>Application temperature</b>	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 no. 19, 4x4 mm : Spreading capacity approx. 1.2 kg/m<sup>2</sup>  
Spreader no. 12, 6x6 mm : Spreading capacity approx. 2.0 kg/m<sup>2</sup>  
Spreader no. 13, 8x8 mm : Spreading capacity approx. 2.7 kg/m<sup>2</sup>  
Spreader no. 14, 10x10 mm : Spreading capacity approx. 3.5 kg/m<sup>2</sup>

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## QUALITY AND GUARANTEE

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## ENVIRONMENT AND HEALTH

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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).

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## ITEM DATA

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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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