

# eurocol

# 777

the strong connection



## FLEXICOL

Flexible powder tile adhesive for bonding ceramic wall and floor tiles, mosaic and flat dark-coloured natural stone. Can be used on almost any cement-based substrate, concrete, existing tiling, underfloor heating, etc.

### PRODUCT TYPING

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

- Suitable for almost all subfloors
- High initial adhesion strength
- High final bond strength
- Easy to apply
- Permanent flexible
- Low chromate

### PROPERTIES

|                |                                                                                                                           |
|----------------|---------------------------------------------------------------------------------------------------------------------------|
| Aging          | 777 Flexicol does not deteriorate with age.                                                                               |
| Classification | C2TE according to NEN EN 12004. A cement-based tile adhesive with an increased slip resistance and an extended open time. |
| Consumption    | 1.2 - 3.5 kg/m <sup>2</sup> , depending on the smoothness of the subfloor and type of tile.                               |

### APPLICATION

- For the flexible fixing of wall and floor tiles on almost all subfloors (e.g. wood, concrete, old tiles etc.).
- Also very suitable for fixing wall tiles on uneven subfloors (e.g. lime-sand stone) and for fixing non-absorbent tiles on non-absorbent walls.
- Not suitable for outdoor applications and in case of water pressure (constant moisture-pressure). Use 705 Watertight Tile Adhesive, 711 Uniflex or 795 Uni-Quick.
- Because of the possibility of discoloration, 777 Flexicol grey is not suitable for fixing glass-mosaic and light-coloured natural stone, such as marble. For these applications we recommend 777 Flexicol white.

### PROCESSING

|              |                                                                                                             |
|--------------|-------------------------------------------------------------------------------------------------------------|
| Storage      | Store cool, dry and in closed packaging.                                                                    |
| Mixing ratio | 25 kg 777 Flexicol to approx. 6 litres of water.                                                            |
| Curing       | 24-48 Hours, depending on the subfloor and temperature. Lower temperatures will slow down the bonding time. |
| Open time    | Place the tiles within approx. 15 minutes into the wet adhesive, depending on the subfloor and temperature. |

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|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| <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 mortar 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° 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, 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 primer. Maximum tile size 30x30 cm.
- For self-levelling anhydrite floors use our 725 Alphycol.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

#### Instruction manual:

- Add 25 kg of 777 Flexicol to approx. 6 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 approx. 15 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!
- Floor tiles are passable after 24 hours.
- 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

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

|     |          |           |                 |
|-----|----------|-----------|-----------------|
| 777 | Flexicol | 25 kg bag |                 |
|     | grey     |           | 8 710345 777018 |
|     | white    |           | 8 710345 777209 |

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