eurocol

the strong connection

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686



SUPERCOL

Elastic paste tile adhesive with high initial adhesive strength and favorable consumption. Ideal for bonding ceramic wall and floor tiles to almost any wall such as cement, plaster, sheet material or existing tiling. Very moisture resistant and thanks to Emicode EC 1PLUS (very low emission) also suitable for BREEAM projects.

PRODUCT TYPING

Base	Ready-for-use dispersion adhesive with an acrylic base.
Color	Beige.

- Very low emission
- Emicode EC 1PLUS
- Elastic
- Moisture-resistant
- High initial adhesion strength
- Favourable spreading capacity

PROPERTIES

Alkali resistance	686 Supercol is resistant against an alkaline environment.
Classification	D2TE according to NEN EN 12004. An elastic dispersion-based tile adhesive with an increased flow resistance. GEV-EMICODE EC 1PLUS tested conform to EN 13999-2/4. Suitable for BREEAM-projects.
Consumption	Approx. 1.2 kg/m^2 when installing normal wall tiles on smooth subfloors.
Humidity resistance	After drying 686 Supercol is moisture-resistant and therefore very suitable for application in the so-called "wet areas". The adhesive cannot be used under water (swimming pools).
Specific weight	1.6 kg/l.

APPLICATION

For fixing:

- walltiles
- DHG and stoneware tiles
- mosaic
- natural stone
- building and insulation materials
- stone strips.

Fix light-coloured natural stone and glass-mosaic with 681 Marmercol or 711 Uniflex.

On almost all walls, e.g.:

- cement-based subfloors
- gypsum-based subfloors
- various sheet material

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- external wall insulation systems
- old tiles

PROCESSING

Storage	Store free from frost. Protect against temperatures > 35 ºC.
Curing	Minimum 24 hours. When fixing tiles with a moisture-absorption capacity < 3%, fully vitrified tiles and natural stone wait for minimum 48 hours. Drying and reaching of the final bond strength of the adhesive depending on temperature, relative humidity, subfloor and type of tile. During the setting of the adhesive, the temperature must remain above 5 °C during the day and at night.
Open time	15-20 Minutes, depending on temperature, relative humidity, subfloor and type of tile.
Waiting time	None.
Moisture resistance	After drying 686 Supercol is moisture-resistant and therefore very suitable for application in the so-called "wet areas". The adhesive cannot be used under water (swimming pools).
Shelf Life	12 Months, in unopened packaging. After use close the open packaging well.
Application temperature	From 5º 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:

- 686 Supercol is suitable for almost all walls, which are clean, free from dust and grease, smooth and dry.
- If necessary level stony walls with 658 Wandoforte or 955 Wandostuc.
- Apply 099 Dispersion Primer on all moisture absorbent walls.
- Affix non-absorbent subfloors e.g. old tiles with tile adhesive or prime with 051 Europrimer Quartz.
- In accordance with the manufacturers recommendations gypsum plasterwork has to be at least 10 mm thick.
- For bonding of the adhesive, either the tile and/or subfloor should be able to absorb moisture.
- The subfloor should be suitable for the required application.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- Apply the adhesive on the wall and make adhesive strips with the recommended adhesive spreader (see spreading capacity/notched spreader).
- Place the tiles immediately with a shuffling movement into the adhesive.
- After drying of the adhesive (at least 24-48 hours) the joints can be filled with Eurocol grouting cement.
- Clean tools and hands immediately with water.

Spreading capacity/notched spreader for ready-for-use tile adhesives:

The smoothness of the subfloor and type of tile are determining for the adhesive spreader to be used. For walls inside a minimum adhesive transport of 60% is required (divided over the back of the tile).

Notched spreader 6x6 mm : Spreading capacity approx. 2.5 kg/m^2
Notched spreader 4x4 mm : Spreading capacity approx. 1.8 kg/m^2

Contains methylchloroisothiazolinone and methylisothiazolinone (3:1). May produce an allergic reaction.

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.

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Environment and health

- Environmental Product Declaration EPD-NIBE-20191219-6794 verified by SGS Search / Intron.
- Tested for volatile organic compound emissions and has tested EMICODE EC 1PLUS according to EN 13999-2/4.
- Meets the criteria of BREEAM-NL HEA 9 Volatile organic compounds; promoting healthy and good indoor air quality by using construction and finishing materials with low emissions of harmful volatile organic compounds and other harmful substances. Suitable for BREEAM new construction and renovation.
- Packaging is made of post-consumer recycled (PCR) plastic and is fully recyclable. Only hand in packaging without residues for recycling. Dried material residues can be disposed of with household waste.
- Dispose of product residues and cleaning water in accordance with local environmental regulations and do not empty into the sewer.

ITEM DATA

Article	Definition	Packaging	EAN-code
686	Supercol	18 kg bucket	8 710345 686181

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