eurocol

the strong connection

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681

MARMERCOL

Super-elastic, moisture-resistant and white paste tile adhesive with very favourable consumption. Ideal for bonding light-coloured natural stone and glass mosaic, but also ceramic wall and floor tiles on almost any wall made of cement, plaster, sheet material or existing tiling. Suitable for indoor use.



PRODUCT TYPING

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

- No discoloration of the tiles caused by the adhesive
- Moisture-resistant
- Super elastic
- High initial adhesion strength

PROPERTIES

Alkali resistance	681 Marmercol is resistant against an alkaline environment.
Classification	D2TE according to NEN EN 12004. A super elastic dispersion-based tile adhesive with an increased flow resistance and an extended open time.
Consumption	Approx. 0.9 kg/m^2 when installing normal wall tiles on smooth subfloors.
Humidity resistance	After drying 681 Marmercol 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	1.4 kg/l.

APPLICATION

For fixing:

- light-coloured marble
- glass-mosaic and glass tiles

but also:

- wall tiles
- tiles with a moisture-absorption capacity < 3%
- building and insulation materials.

On almost all walls, e.g.:

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

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- old tiles.

PROCESSING

Storage	Store free from frost. Protect against temperatures > 35 °C.
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.
Open time	20-30 Minutes, depending on temperature, relative humidity, subfloor and type of tile.
Waiting time	None.
Moisture resistance	After drying 681 Marmercol 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 5° C to 25 °C (temperature of the surrounding as well as the subfloor). During bonding of the adhesive the temperature during day and night should be > 5 °C.

** The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

Substrate:

- 681 Marmercol is suitable for almost any type of wall that is clean, free from grease and dust, smooth and dry.
- If necessary level stony walls with 658 Wandoforte or 955 Wandostuc.
- Prime moisture-absorbent and somewhat friable walls with 099 Dispersion Primer.
- 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). Make sure that the entire back of the tile is covered with adhesive. Otherwise the adhesive strips will shine through the natural stone.
- Place the tiles immediately with a shuffling movement into the adhesive. On non-absorbent subfloors wait for 10-15 minutes to allow the adhesive to set-off before placing the tiles.
- After drying of the adhesive (minimum 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). For tiles on facades a minimum adhesive transport of 80% is required (divided over the back of the tile).

Notched spreader : Spreading capacity 1.3 kg/m^2
Notched spreader 4x4 mm : Spreading capacity approx. 1.8 kg/m^2
Notched spreader 6x6 mm : Spreading capacity approx. 2.5 kg/m^2

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

QUALITY AND GUARANTEE

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.

Environment and health

• Environmental Product Declaration EPD-NIBE-20210512-19486verified by SGS Search / Intron.
• Packaging is made of post-consumer recycled (PCR) plastic and is fully recyclable. Only return packaging without residues for recycling. Dried residues of material can be disposed of with household waste.

ITEM DATA

Article	Definition	Packaging	EAN-code
681	Marmercol	7 kg Bucket	8 710345 681025

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