eurocol

the strong connection

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680

ELASTILIGHT



Elastic, easy to use and lightweight paste tile adhesive with very high initial tack. Ideal for bonding large-format ceramic wall and floor tiles to almost any wall made of 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	Light grey.

- Emicode EC 1PLUS (Very low emission)
- Good moisture-resistant
- Lightweight (specific weight 1.1)
- Very high initial adhesion strength for large tiles
- Very easy to apply
- Favourable spreading capacity
- High Adhesive strength
- 30% lighter in weight

PROPERTIES

Alkali resistance	680 Elastilight 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 1 PLUS tested conform to EN 13999-2/4. Suitable for BREEAM-projects.
Consumption	1.3 - 1,75 kg/m^2, depending on the smoothness of the subfloor and type of tile.
Humidity resistance	After drying 680 Elastilight 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	1.1 kg/l.

APPLICATION

For fixing:

- heavy tiles
- large tiles
- wall tiles
- tiles with a moisture-absorption capacity < 3%
- mosaic
- natural stone
- building and insulation materials.

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

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On almost all interior walls, e.g.:

- cement-based subfloors
- gypsum-based subfloors
- various sheet materials
- 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 large tiles wait for minimum 48 hours. Drying and reaching of the final bond strength of the adhesive depends on temperature, relative humidity, subfloor and type of tile. During the setting of the adhesive, the temperature should 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	Due to the high initial adhesion strength, heavy and/or large tiles can be fixed without a waiting time
Moisture resistance	After drying 680 Elastilight 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).

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

Substrate:

- 680 Elastilight 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.
- 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).
- Place the tiles immediately with a shuffling movement into the adhesive.
- After drying of the adhesive (minimum 24-48 hours) the joints can be filled with a Eurocol grouting cement.
- Clean tools and hands immediately with water.

Spreading capacity 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 equally over the back of the tile).

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

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

QUALITY AND GUARANTEE

ENVIRONMENT AND HEALTH

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MSDS For extensive safety and environmental information according to EEC Directive 91/155, please refer to our website www.eurocol.nl.

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 from post-consumer recycled (PCR) plastic and is fully recyclable. Only hand in packaging with no residues for recycling. Dried material residues can be disposed of with household waste.

ITEM DATA

Article	Definition	Packaging	EAN-code
680	Elastilight	11 kg Bucket	8 710345 680110

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