eurocol

the strong connection

23-11-2026

765



ECOLIGHT

Low-emission, low-dust and lightweight powder tile adhesive for the installation of ceramic wall and floor tiles, including large-format XXL tiles, and dark-coloured natural stone, on virtually all cement-based substrates such as concrete, sand/cement screeds, underfloor heating systems, and similar constructions in so-called wet areas. Highly suitable for the installation of brick slips (thin brick veneers) in exterior applications. Thanks to its EMICODE EC 1PLUS certification (very low emission), it is also suitable for BREEAM projects.

PRODUCT TYPING

Base	Cement-based powder with a high synthetic binder content, recycled raw materials and lightweight fillers to be mixed with water.
Color	Grey.
Consistency	Powder.

- Very low emission Emicode EC 1PLUS
- Lightweight and excellent to apply
- Very good firm ability
- Dust reduced
- Contains > 30% recycled raw materials
- Part of the PureBase product range
- Favourable open time
- Flexible
- Moisture- and frost-resistant
- For in- and outdoor use
- For wall and floor

PROPERTIES

Classification	C2TE according to NEN EN 12004 and S1 according to NEN EN 12002. A flexible cement-based tile adhesive with an increased flow resistance and an extended open time. Emicode EC 1PLUS tested conform to EN 13999-2/4. Suitable for BREEAM projects.
Consumption	Depending on the smoothness of the subfloor and type of tile.
Dust factor	< 5% components with a particle of < 2 µm(micrometer)

APPLICATION

- Low-emission, low-dust and lightweight powder tile adhesive for the installation of ceramic wall and floor tiles, including large-format XXL tiles, and dark-coloured natural stone, on virtually all cement-based substrates such as concrete, cement-sand screeds, underfloor heating systems, and similar constructions in wet areas.
- Thanks to its excellent non-slump properties, it is highly suitable for the installation of brick slips in exterior applications.
- For extreme applications like swimming pools and terraces use specific developed adhesives like 705 Watertight Tile Adhesive or 733 Superior S2.

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- For glass mosaic or light coloured natural use 711 Uniflex or 681 Marmercol.

PROCESSING

Storage	Store cool and dry in unopened packaging.
Mixing ratio	Add 15 kg 765 Ecolight to 8 (wall application) or 9 (floor application) litres of water.
Curing	Minimum 24 hours, depending on the subfloor and temperature. Lower temperatures will slow down the drying time. During bonding of the adhesive the temperature during day and night must be > 5 °C.
Open time	Place the tiles within 15 to 20 minutes into the wet adhesive, depending on the subfloor and temperature.
Processing time	Apply the mixture within 90 minutes.
Waiting time	After mixing with water wait for a few minutes, stir once again and apply the mixture on the subfloor.
Shelf Life	12 Months, in unopened packaging. After use close the open packaging well.
Application temperature	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.
- When using the adhesive outdoors apply 740 Isoflex 2K. Also remove all old ceramic finishing.
- Prime moisture-sensitive, absorbent subfloors such as plaster stucco with 099 Dispersion Primer and apply 685 Eurocoat to attain an impervious layer between the tile adhesive and subfloor .
- Degrease absorbent subfloors such as existing tile work with 014 Euroclean. After that completely dry the subfloor. Afterwards prime with 051 Europrimer Quartz.
- 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 15 kg of 765 Ecolight to approx. 8 (wall application) to 9 (floor application) litres of cool and clean tap water and stir the mortar for a few minutes, by using an electric (Eurocol 855) 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.
- Press the tiles within 15 - 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.
- Apply the mixed adhesive within approx. 90 minutes. Do not add extra water to the bonding mortar!
- Under normal circumstances, i.e. a temperature of 20 °C and a relative humidity of 65%, the joints may be filled after approx. 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). For outdoor purposes this contact must be 100%. Also counts for heavy-duty indoor floors, e.g. store and warehouse floors. Check the adhesive contact regularly.

Spreader , 4x4 mm : Spreading capacity approx. 0.7 kg/m^2
Spreader , 6x6 mm : Spreading capacity approx. 1.1 kg/m^2
Spreader , 8x8 mm : Spreading capacity approx. 1.5 kg/m^2
Spreader , 10x10 mm : Spreading capacity approx. 2 kg/m^2

QUALITY AND GUARANTEE

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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.

Environment and health

- Environmental Product Declaration EPD-NIBE-20210224-17685 verified by SGS Search / Intron.
- Low dust with dust factor < 5% components with a particle size of < 2 µm (micrometres).
- Tested for emissions of volatile organic compounds and has passed the EMICODE EC 1PLUS test in accordance with EN 13999-2/4.
- Meets the criteria of BREEAM-NL HEA 9 Volatile Organic Compounds; promotes healthy and good indoor air quality due to the construction and finishing materials used having low emissions of harmful volatile organic compounds and other hazardous substances. Suitable for BREEAM new construction and renovation.

ITEM DATA

Article	Definition	Packaging	EAN-code
765	Ecolightt	15 kg bag	8 710345 765107

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