eurocol

the strong connection

8-11-2026

750

MULTICOL

Multifunctional, easy to use and flexible cement-based tile adhesive with very favourable consumption for the bonding of (large-format) ceramic wall and floor tiles, as well as dark-coloured natural stone, on almost all cement-based surfaces such as concrete, cement-based stucco, sand-cement screeds, existing tiles and underfloor heating systems. Very suitable for wall tiling and use in so-called wet areas. Applicable in indoor and outdoor situations. Thanks to EMICODE EC 1PLUS (very low emission), it's also suitable for BREEAM projects.



PRODUCT TYPING

Base	A water-mixed cement powder containing high amounts of sustainable synthetic binders.
Color	Grey.

- Emicode EC 1PLUS (very low emission)
- Very economical consumption
- Very suitable for wall and floor applications
- Suitable for practically all surfaces
- Multifunctional use as thin and fluid bed adhesive
- Moisture-resistant and frost-resistant
- Indoor and outdoor use
- Flexible S1 in conformity with NEN-EN 12004
- High initial adhesion strength
- Dust-free
- Suitable for underfloor heating

PROPERTIES

Classification	C2TE and S1 (flexible) compliant with NEN-EN 12004-2:2017. A flexible cement-based powder tile adhesive with increased resistance and an extended open time. GEV-EMICODE EC 1PLUS tested according to EN 13999-2/4. Suitable for BREEAM projects.
Consumption	1.1 - 2.5 kg/m^2, depending on the flatness of the surface and type of tiles.
Dust factor	< 5% components with particle size of < 2 µm (micrometres).

APPLICATION

- For the bonding of (large-format) ceramic wall and floor tiles, as well as dark-coloured natural stone, on almost all surfaces such as concrete, cement-based and gypsum-based stucco, sheet material, sand-cement screeds, existing tiling and underfloor heating. Very suitable for wall tiling and use in wet areas. Applicable in indoor and outdoor situations. Thanks to Emicode EC 1PLUS (very low emissions), it is also suitable for BREEAM projects.
- For bonding glass mosaic and light-coloured natural stone such as marble, use our 711 Uniflex or 681 Marmercol.

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PROCESSING

Storage	Store in a cool and dry place with packaging closed.
Mixing ratio	23 kg 750 Multicol in approx. 7.5 litres (thin bed) - 9 litres (fluid bed) of water.
Curing	Minimum of 24 hours, depending on the surface and temperature. Lower temperatures result in slower setting times. During the bonding of the adhesive, the temperature should be kept above 5 °C during the day and at night.
Open time	Place the tiles in the adhesive bed within 15 – 20 minutes, depending on the surface and temperature.
Processing time	Use the prepared adhesive within 60 minutes.
Waiting time	After mixing with water, let the mortar stand for a few minutes, then stir it again and apply it to the surface.
Shelf Life	12 months in the unopened packaging. Close opened packaging well after use.
Application temperature	From 5 to 25 °C (temperature of both environment and surface).

** 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 surface should have sufficient compression resistance and tensile strength. The surface must also be flat, dry and free of grease, dirt and dust.
- Prime moisture-absorbing walls such as cement-based stucco, concrete, sand-lime brick, etc. with 099 Dispersion primer and leave to dry.
- Prime plaster-based surfaces with 044 Europrimer Multi and apply a fully closed layer of 685 Eurocoat to the spray area to create a closed layer between the tile adhesive and the surface.
- Degrease closed surfaces such as existing tiles with 014 Euroclean. Then remove dirt with a cotton cloth and leave the surface to dry completely. Then prime with 051 Europrimer Quartz.
- We recommend using our 725 Alphycol for calcium sulphate-based cast floors (anhydrite).
- Always consult our technical product information sheets beforehand. In case of doubt about the applications of the product, please contact our Technical Help Desk.

Instruction manual:

- Add 23 kg of 750 Multicol to approx. 7.5 litres (thin bed) – 9 litres (fluid bed) and clean tap water, then mix the mortar mechanically for 1 minute with the Eurocol 855 mixing rod (approx. 600 rpm) until it becomes a lump-free mixture.
- Let the mortar stand for a few minutes, stir again vigorously and apply to the surface with a trowel. The toothing (see images) should be selected so as to achieve a minimum adhesive contact surface of 80% (evenly distributed over the back of the tile). For outdoor applications, this should be 100%.
- Within 15-20 minutes, press the tiles into the adhesive bed with a sliding movement. Check regularly that the back of the tiles has come into full contact with the adhesive. Remove excess adhesive from the joints immediately.
- Use the prepared adhesive within 60 minutes. Do not add any extra water to the already setting mortar.
- Under normal conditions, i.e. a temperature of 20 °C and relative humidity of 65%, the tiles can be grouted after a minimum of 24 hours.

Spreading capacity/notched spreader for powder tile adhesives:

The flatness of the surface and type of tiles determine the choice of toothing of the trowel. The toothing should be selected so as to achieve a minimum adhesive contact surface of 80% (evenly distributed over the back of the tile). For outdoor applications, this should be 100%. This also applies to heavy-duty indoor floors, e.g. shop floors and warehouse floors. Check the adhesive contact area regularly.

Spreader 4x4 mm : Spreading capacity approx. 1.1 kg/m^2
Spreader 6x6 mm : Spreading capacity approx. 1.7 kg/m^2
Spreader 8x8 mm : Spreading capacity approx. 2.2 kg/m^2
Spreader 10x10 mm : Spreading capacity approx. 2.5 kg/m^2

QUALITY AND GUARANTEE

ENVIRONMENT AND HEALTH

MSDS For detailed safety and environmental information according to EC directive 91/155, please refer to our website www.eurocol.nl.

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Environment and health

- Milieuproductverklaring/Environmental Product Declaration EPD-NIBE-20210224-17685 verified by SGS Search / Intron.br
- 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
750	Multicol	23 kg bag	8 710345 750103

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