eurocol

the strong connection

8-11-2026

725

ALPHYCOL

Fast-hardening, gypsum-based tile adhesive for bonding ceramic (large format) floor tiles and natural stone to calcium sulphate-based (anhydrite-based) cast screed floors in indoor situations. Thanks to EMICODE EC 1PLUS (very low emission) also suitable for BREEAM projects.



PRODUCT TYPING

Base	Alpha-halfydrate mixture with additives and synthetic binders to be mixed with water.
Color	Off-white.

- Emicode EC 1PLUS (very low emission)
- Specially for calcium sulphate based cast floors (anhydrite)
- For wall and floor
- Favourable open time
- Suitable for underfloor heating
- High final bond strength
- Fast curing and jointable
- Dust reduced
- Alphy-halfydrate mixture
- Suitable for underfloor heating

PROPERTIES

Classification	GEV-EMICODE EC 1PLUS (very low emission) tested according to EN 13999-2/4. Suitable for BREEAM projects.
Consumption	1.2 - 3.5 kg/m^2, depending on the smoothness of the subfloor and type of tile.
Dust factor	< 5% components with a particle of < 2 µm(micrometer)

APPLICATION

- For fixing ceramic floor tiles and natural stone on calcium sulphate based cased floors (anhydrite-based).
- Also suitable for bonding (large format) floor tiles to interior walls in dry and wet areas using the stacking method, possibly in combination with a tile levelling system.
- Not suitable for outdoor use and/or water pressure (constant moisture-pressure). For this we recommend a watertight and moisture-resistant tile adhesive from Eurocol.

PROCESSING

Storage	Store cool and dry in unopened packaging.
Mixing ratio	Add 25 kg of 725 Alphycol to approx. 5-5.5 litres of water.
Curing	Minimum 4 hours, depending on the subfloor and temperature. Lower temperatures slow down setting.

Forbo Eurocol Nederland B.V. | Industrieweg 1-2 | Postbus 130 | 1520 AC Wormerveer | Tel: +31 (0)75 627 16 00 | info.eurocol@forbo.com
Forbo Eurocol Deutschland GmbH | August-Röbling-Straße 2 | DE - 99091 Erfurt | PF 80 02 53 | Telefon: +49 361 730 41 0 | info.eurocol.de@forbo.com

Eurocol is part of the Forbo Group

Open time	Place the tiles within 20 to 30 minutes into the wet adhesive, depending on the subfloor and temperature.
Processing time	Apply the mixture within 60 -90 minutes. 725 Alphycol residues in the bucket accelerate the hardening and shorten the processing time.
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). During the setting of the adhesive, the temperature should remain above 5 °C during the day and at night.

** 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 calcium sulphate-bound cast screed must be smooth, free of grease, dirt and dust. The floor must also comply with the applicable guidelines for cast screeds.
- The maximum permitted moisture content of the calcium sulphate-bound cast screed is < 1.0% by weight (measurement with CM-Gerät).
- Assess the strength of the top layer of the calcium sulphate-bound cast screed in advance.
- Remove any loose layers and dirt by sanding or brushing the floor.
- After any sanding, remove dust with an industrial vacuum cleaner, prime the screed with 099 Dispersion Primer or 044 Europrimer Multi (minimum drying time 1 hour).
- If necessary, level the subfloor to the desired layer thickness with 920 Europlan Alphy.
- Always consult our technical product information sheets in advance. If in doubt about the applications to be made, contact our Technical Advice department in advance.

Instruction manual:

- Preferably mix the adhesive in a clean mixing bucket. A mixing bucket with gypsum residues will lead to a faster bonding of the adhesive.
- Add 25 kg of 725 Alphycol to approx. 5-5.5 litres of cool and clean tap water and stir the mortar for 1 minute, by using a Eurocol 855 Mixing iron (approx. 600 rpm), to a smooth and homogeneous mixture. The stirrer should be free of cement residues!
- 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 20 to 30 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 60-90 Do not add extra water to the bonding mortar! Scrape the tub clean before mixing new adhesive. 725 Alphycol residues accelerate hardening and shorten processing time.
- Under normal circumstances, i.e. a temperature of 20 °C and a relative humidity of 65%, the joints may be filled after minimum 4 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). Check the adhesive contact regularly.

Spreader 4x4 mm : Spreading capacity approx. 1.2 kg/m^2
Spreader 6x6 mm : Spreading capacity approx. 2.0 kg/m^2
Spreader 8x8 mm : Spreading capacity approx. 2.7 kg/m^2
Spreader 10x10 mm : Spreading capacity approx. 3.5 kg/m^2

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.

Environment and health

Forbo Eurocol Nederland B.V. | Industrieweg 1-2 | Postbus 130 | 1520 AC Wormerveer | Tel: +31 (0)75 627 16 00 | info.eurocol@forbo.com
Forbo Eurocol Deutschland GmbH | August-Röbling-Straße 2 | DE - 99091 Erfurt | PF 80 02 53 | Telefon: +49 361 730 41 0 | info.eurocol.de@forbo.com

Eurocol is part of the Forbo Group

- Environmental Product Declaration EPD-DBC-20220217-IBF1-EN
- Low dust with dust factor < 5% components with a particle size of < 2 µm (micrometer).
- Tested for emission of volatile organic compounds and has tested EMICODE EC 1PLUS in accordance with EN 13999-2/4.
- Meets the criteria of BREEAM-NL HEA 9 Volatile organic compounds; promoting healthy and good indoor air quality because the building and finishing materials used cause low emissions of harmful volatile organic compounds and other harmful substances. Suitable for BREEAM new construction and renovation.

ITEM DATA

Article	Definition	Packaging	EAN-code
725	Alphycol	25 kg bag	8 710345 725019

Forbo Eurocol Nederland B.V. | Industrieweg 1-2 | Postbus 130 | 1520 AC Wormerveer | Tel: +31 (0)75 627 16 00 | info.eurocol@forbo.com
Forbo Eurocol Deutschland GmbH | August-Röbling-Straße 2 | DE - 99091 Erfurt | PF 80 02 53 | Telefon: +49 361 730 41 0 | info.eurocol.de@forbo.com

Eurocol is part of the Forbo Group