

eurocol

725

the strong connection



ALPHYCOL

Alpha-halfhydrate based tile adhesive for fixing on anhydrite.

PRODUCT TYPING

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

- Specially for anhydrite floors
- Suitable for underfloor heating systems
- Favourable open time
- High final bond strength
- Does not deteriorate with age
- Easy to apply
- Chromate free
- Dust reduced
- Alphy-halfhydrate mixture

PROPERTIES

Aging	725 Alphycol does not deteriorate with age.
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 (anhydrite) subfloors.
- 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. 6.5 litres of water.
Curing	Minimum 24 hours, depending on the subfloor and temperature.
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 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.

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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 anhydrite floor has to be smooth, dry, free from grease, dirt and dust, according to the requirements of DIN 18 352. The floor also must comply with CUR-recommendation 107.
- Maximum permitted moisture percentage of anhydrite floors is < 1.0% (measured by CM-hygrometer).
- Adjudge the strength of the top layer of the calcium sulphate subfloor beforehand.
- In case the top layer has a good strength, tiles can be fixed immediately with 725 Alphycol without a pre-treatment.
- Sandpaper insufficiently strong top layers, (caused by application, leaks, pollution and present bleeding layers). After sandpapering, remove dust with an industrial vacuum cleaner and prime with 099 Dispersion Primer (minimum drying time 1 hour).
- When necessary level with 920 Europlan Alphy or 925 Europlan Alphy Direct.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

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. 6.5 litres of cool and clean tap water and stir the mortar for 1 minute, by using an electric stirrer (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 (see spreading capacity/notched 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 must within 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 minimum 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). Check the adhesive contact regularly.

Spreader no. 19, 4x4 mm : Spreading capacity approx. 1.2 kg/m²
Spreader no. 12, 6x6 mm : Spreading capacity approx. 2.0 kg/m²
Spreader no. 13, 8x8 mm : Spreading capacity approx. 2.7 kg/m²
Spreader no. 14, 10x10 mm : Spreading capacity approx. 3.5 kg/m²

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.

ITEM DATA

Article Definition Packaging EAN-code

725 Alphycol 25 kg bag 8 710345 725019

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