eurocol

the strong connection

8-11-2026

920

EUROPLAN ALPHY



Low-tension, setting and self-levelling anhydrite levelling compound. Especially suitable for use on anhydrite cast floors but also applicable on completely dry, stony subfloors (renovation projects), cast asphalt (for cast asphalt, maintain a max. 5 mm layer thickness). Suitable for use under parquet floors. This levelling compound is pumpable. Layer thickness from 2 mm to a maximum of 30 mm. Suitable for indoor use. Thanks to EMICODE EC 1PLUS (very low emission) also suitable for BREEAM projects.

PRODUCT TYPING

Base	Anhydrate-Alpha-halfhydrate.
Color	White.
Consistency	Powder.

- Very low emission
- Emicode EC 1 PLUS
- Less dust
- Favourable spreading capacity
- Casein-free
- Self-smoothing
- Tension-free
- Chrome-free
- Excellent flow
- Pumpable
- Maximum layer thickness of 30 mm*

PROPERTIES

Bending Strength	According to NEN-EN 13892-2:2002: after 28 days ≥ 9 N/mm^2.
Bureau Wheelchair resistance	From 2 mm layer thickness.
Compressive strength	According to NEN-EN 13892-2:2002: after 28 days ≥ 35 N/mm^2.
Consumption	Approx. 1.5 kg/m^2 per mm layer thickness.
Flammability	Non-flammable.
Sensitive to frost	No.
Passableness	After 2 - 3 hours at 18°-20° C.*

APPLICATION

For levelling stony subfloors in layer thickness between 2 and 30 mm, especially anhydrite floors, which are to be covered with a floor covering or parquet. At a layer thickness > 10 mm add approx. 7 kg of 846 Quartzsand to 23 kg of 920 Europlan Alphy.

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If applying by pump:
Consult pump supplier, ensure the pump is suitable for all types of levelling compounds. Pumping with a too high mixing rate can cause an insufficient flow of the levelling compound.

PROCESSING

Storage	Store cool and dry.
Tools	Trowel or notched squeegee in combination with a spiked roller, mixing-device.
Mixing ratio	Add 23 kg of 920 Europlan Alphy to 5,5 - 6 litres of water. Add 25 kg of 920 Europlan Alphy to 6 litres of water.
Processing time	Use within 30 minutes after mixing.*
Waiting time	3 to 5 minutes.
Drying	24 hours.*
Shelf Life	12 months, in unopened packaging.
Remarks	For layer thicknesses over 10 mm, on moisture-sensitive (e.g. calcium sulphate screeds) or unstable substrates, Eurocol reactive primers, e.g. 042 Euroblock Turbo or 021 Euroblock Reno LE should be used. For layer thicknesses over 10 mm, on screwed wood-based panels, Eurocol reactive primers, e.g. 042 Euroblock Turbo or 021 Euroblock Reno LE should be used. Not suitable for solid planks <22 mm and vertical lamella <16 mm thick. Technical information and safety data sheets of other laying materials and floorings/parquet must be observed! Apply flooring to the filled area within the next few days! For absorbent subfloors keep a minimum layer thickness of 2 mm, for non-absorbent subfloors a minimum layer thickness of 3 mm. When used under parquet, a minimum layer thickness of 3 mm must be observed. In case of multi-layer application, the layer thickness of the second application must not exceed the layer thickness of the first application. After application of levelling compound. • Fresh surfaces should be protected against direct sun light, draughts, high temperature (above +30°C), rain and frost. • To obtain the recommended long term technical performance of product, after finishing levelling works installation of floor covering should be done within the shortest period of time, which depends on product's drying time within 3 to 7 days, otherwise the surface should be protected with a suitable coating or covering. The readiness for laying is dependent on the thickness of the layer and depends in particular on the climatic conditions on site. Wear protective glasses and gloves. If the adhesive or installation material comes into contact with your eyes, wash out immediately with plenty of water and consult an ophthalmologist. Protect your hands with waterproof, robust gloves. Wear long trousers. Avoid prolonged skin contact with the adhesive or installation material. Thoroughly clean affected skin parts with water immediately. The longer fresh adhesive or installation material remains on your skin, the greater the risk of serious skin damage. Keep children away from fresh adhesive or installation material. EMICODE, for more information visit www.emicode.com. For levelling work in connection with subsequent parquet adhesives using Eurocol 1K or 2K parquet adhesives, only use Eurocol 048 Europrimer Plus or reactive Eurocol primers.

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

Substrate:

- 920 Europlan Alphy can be applied on any type of stony subfloor that is rigid and has a good tensile and compression strength.
- The subfloor should also be clean, permanently dry and free from grease and dirt according to the requirements of BS 8203 or DIN 18 365/DIN 18356.

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- Sandpaper, if necessary, anhydrite subfloor and make free from dust (by using an industrial vacuum cleaner).
- Decrease smooth and impervious subfloors (tile floors, granito, terrazzo etc.) with 014 Euroclean and and dry well afterwards. After that prime thin and covered with 044 Europrimer Multi with a foam roller. Old (water-resistant) adhesive also needs to be primed in this way.
- Prime porous subfloors e.g. anhydrite with 043 Europrimer Alphy, 044 Europrimer Multi/044-1 Europrimer Multi Plus or 099 Disperion Primer with a foam roller.
- In case of asphalt floors and bituminous substrates remove dirt and loose parts. After that prime with 044 Europrimer Multi.
- Fill cracks and deep damages with 944 Europlan Alphy Quick. After hardening wait for at least 24 hours. Prime the repaired places with 043 Europrimer Alphy or 044 Europrimer Multi and dry well before levelling the floor.
- Fix cracks/seams in subfloors with 021 Euroblock Reno LE in combination with 063 Eurotape and 846 Quartzsand or with 808 Eurojoint Connector in combination with 021 Euroblock Reno LE. Alternatively with Europlan 913 Silicate sealing compound.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- When mixing 920 Europlan Alphy ensure that tools are always clean and free from cement residues.
- In case of preparation by hand add 23 kg of 920 Europlan Alphy to 5.5 - 6 litres of cool and clean tap water. Follow the exact water ratio.
- Stir the mortar, using an electric stirrer (Eurocol no. 855), to a smooth and homogeneous mixture.
- Wait for approx. 5 minutes and stir the mortar once again, with a low rpm. ·
- Apply the mortar within 30 minutes on the floor with a trowel or notched squeegee in a minimum layer thickness of 2 mm. ·
- When pumping adjust the mixing-device in such way that per 23 kg of 920 Europlan Alphy 5.5 - 6 litres of cool and clean tap water will be added.
- Protect fresh levelling compound layers against draft and direct sunlight.
- It is not recommended to sandpaper or prime the dried levelling compound layer.
- When it is recommended to sandpaper the applied levelling compound layer make the floor dust-free with an industrial vacuum cleaner. When necessary prime the subfloor with a suitable primer (for example 049 Europrimer ABS or 099 Disperionprimer) with a foam roller (Eurocol no. 856/857). Drying time approx. 1 hour.
- Under normal circumstances the applied layer is passable after 2-3 hours. In a layer thickness of 5 mm the levelling compound is ready for further use after 24 hours.
- In case of thicker layers measure the residual moisture percentage by using a hydrometer (residual moisture with hydrometer measurement < 1.0% or residual moisture percentage 0.3-0.5%, depending on type of floor covering).
- For extended information about the safety precautions we refer to the safety data sheet on our website www.eurocol.nl.

Working conditions:
Required surrounding temperature : 18° - 23 °C.
Temperature subfloor : min. 15° - max. 20 °C.
Relative humidity : 40 - 70%

Underfloor heating systems:
920 Europlan Alphy can be applied on underfloor heating systems. The startprotocol of the floorheating needs to be completly executed in accordance with the directives of the supplier. Turn off the heater 24 hours before application. Do not heat again until at least 24 hours after application, in steps of maximum 5 °C water temperature per day.

QUALITY AND GUARANTEE





ENVIRONMENT AND HEALTH

Hazard Class	None.
MSDS	For extensive information about safety and environment we refer to our website www.eurocol.nl.

ITEM DATA

Article	Definition	Packaging	EAN-code
920	Europlan Alphy	23 kg bag	8 710345 920308

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed. This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work. The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application

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conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content. As use, processing- and storage conditions on site are beyond manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties. Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be followed by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use.

This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

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