eurocol

the strong connection

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920

EUROPLAN ALPHY

Gypsum-based self-levelling compound, up to 20 mm, very low-tension setting and ideal under parquet. This product is Made in Germany.



PRODUCT TYPING

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

- High-quality, universal, very low-stress setting, self-levelling compound based on alpha-hemihydrate.
- For very high loads.
- For levelling mineral substrates, also less stable substrates, ceramic tiles, natural stone coverings, terrazzo, screwed wood-based panels (V100 P4 - P7, OSB 2 - 4) and prefabricated screeds as well as mastic asphalt, prefabricated screeds, mastic asphalt and on approved Eurocol decoupling boards (e.g. 823 Eurofloor Reno).
- Can be used in layer thicknesses up to 20 mm, on mastic asphalt up to 8 mm, on decoupling boards (e.g. 823 Eurofloor Reno) up to 10 mm.
- For subsequent flooring work and the laying of parquet.
- Also for the production of Eurocol FloorDesign floors in combination with Eurocol pigment powder 390 FloorColouring and Eurocol Surface Finish.
- Pumpable up to 75 m hose length.
- Squeegeeable.
- No ettringite formation on calcium sulphate screeds.
- Chromate-free, therefore skin-friendly.
- The product can be used on underfloor heating and is suitable for use with chair castors according to DIN EN 12529.
- For interior use.
- Low emission, low solvent according to Blue Angel UZ 113.
- Very low-emission installation material, certified according to EMICODE EC 1 Plus.

PROPERTIES

Bureau Wheelchair resistance	From 2 mm layer thickness.
Classification	CE: DIN EN 13813: CA-C35-F10-A1fl.
Consumption	Approx. 1.4 kg/m^2 per mm layer thickness.
Flammability	Non-flammable.
Frost resistance	Yes.
Passableness	2 - 3 hours at (18 - 20) °C.*
Special quality	Low tension, chromate-free. For floor coverings and parquet, also for FloorColouring.

APPLICATION

For producing even and absorbent substrates for flooring and parquet work.

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PROCESSING

Layer thickness	Maximum 20 mm.
Storage	Store cool and dry.
Tools	Trowel or notched squeegee in combination with a spiked roller, mixing-device.
Mixing ratio	Add 25 kg of 920 Europlan Alphy to 5.5 - 6 litres of water.
Processing time	Use within 30 minutes after mixing.*
Waiting time	3 to 5 minutes.
Drying	Approx. 24 hrs. by 3 mm layer thickness, for each additional 3 mm - another day of drying time is
Shelf Life	Approx 12 months, in unopened packaging. Do not mix partial portions.
Cleaner	Water.
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:

- The substrate must be permanently dry, pressure- and tension-resistant, free of cracks and dust, even, and free of adhesion-reducing layers.
- Adhesion-reducing layers, old material residues must be removed by suitable mechanical means in accordance with the specifications of DIN 18365/DIN 18356.
- Cracks or joints (except for structural expansion joints) are to be closed with Eurocol grouting compounds Europlan 913 Silicate.

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- Old hard-wearing floors, such as ceramic tiles, terrazzo, stone floors, must be cleaned professionally with Eurocol 891 Euroclean Basic and sanded to a matt finish after drying.
- Prime with a Eurocol primer adapted to the substrate and the expected layer thickness of the leveling compound. Allow the applied primer to dry thoroughly.
- Appropriately dimensioned Eurocol edge strips must be placed towards rising building components.
- Level out coarse unevenness in advance with stable filling compound. After complete drying, prime the surface again.
- In case of defects, concerns must be raised in writing.

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 25 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, 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 so that a correct amount of cold and clean tap water is added. Determine the spreading dimension! Also flush machine and hoses during breaks to prevent hardening within the machine system. Please consult your pump manufacturer.
- Protect fresh levelling compound layers against draft and direct sunlight.
- In the case of multi-layer levelling, apply an intermediate primer to the fully set first levelling compound before applying the second levelling compound. Alternatively, use a levelling compound formulated for the required layer thickness in order to apply the levelling compound in one operation.
- It is not recommended to sandpaper or prime the dried levelling compound layer.
- If necessary to sandpaper the applied levelling compound layer make the floor dust-free with an industrial vacuum cleaner. When necessary prime the subfloor with a sutitabel Eurocol primers.

When mixing the levelling compound, make sure that the tools are always clean and free of cement residues.

Working conditions:
Required surrounding temperature : minimum 18 °C.
Temperature subfloor : minimum 15 °C.
Relative humidity : 35 - 75%, required < 65%.

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

GISCODE	CP1
LEED	VOC 0 g/l, meets: IEQ Credit 4.1
DGNB	VOC 0 %, quality level: 4
Hazard Class	None.
Safety and environment	Safety data sheets of Forbo Eurocol products according to EEG-guideline 91/155. Keep out of reach of children. Do not eat, drink or smoke while processing the product. Only give completely empty containers for recycling. Material residues can be disposed of as household waste.
MSDS	For detailed information about the safety measures please refer to the safety information sheet on our website www.forbo-eurocol.de.

ITEM DATA

Article	Definition	Packaging	Shipping unit
920	Europlan Alphy	25 kg bag	42/pallet (Made in Germany)

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

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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 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!

BG171345, V18, Stand 2023-10-26, ersetzt Ausgabe vom 2023-07-07

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