eurocol

the strong connection

20-11-2026

946

EUROPLAN HYBRID REPAIR



Fast-drying, stable and polishable repair mortar based on hybrid technology. Very suitable for filling deep grooves. For leveling and repairing both cement and gypsum-based floor surfaces indoors. Filling holes, grooves and irregularities in both cement and gypsum-based floors and walls and other stony surfaces. Fast-hardening, fast-drying, so that the surface can be quickly finished with, for example, a levelling compound, floor covering or ceramic tiles. Not suitable for wet areas and/or outdoor use. Suitable in wet areas if the surface is finished in accordance with the guidelines of the Eurocol Waterproof Tiling System.

PRODUCT TYPING

Base	Calcium sulphate hemihydrate, special additives and a high content of plastic binders.
Color	Taupe.
Consistency	Powder.

- Very low emissions
- Emicode EC 1PLUS
- Dust-free
- Fast-curing (meaning that the surface can be finished quickly)
- Spreadable to virtually 0 mm
- Maximum layer thickness 50 mm
- Stable
- Very high compressive strength
- Very smooth finishing
- Chromate-free

PROPERTIES

Bending Strength	According to NEN-EN 13892-2: 2002 after 28 days ≥ 11 N/mm^2.
Bureau Wheelchair resistance	From 2 mm layer thickness.
Compressive strength	According to NEN-EN 13892-2:2002 after 28 days ≥ 38 N/mm^2.
Consumption	Approx. 1.5 kg/m^2 per mm layer thickness.
Flammability	Non-flammable.
Sensitive to frost	No.
Passableness	After approx. 40 minutes at 18° - 20°C.*

APPLICATION

- Ideally suitable for filling deep grooves.

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- For smoothing and repairing both cement-based and gypsum-based indoor floor surfaces.
- For filling holes, grooves and irregularities in both cement-based and gypsum-based floors and walls and other stony surfaces.
- Fast-curing and quick-drying, so that the surface can be finished quickly with a levelling compound, floor covering or ceramic tiling, for example.
- Not suitable for wet areas and/or outdoor applications.
- Suitable for wet areas if the surface is finished in accordance with the guidelines of the Eurocol watertight tiling system.

PROCESSING

Storage	Store in a cool and dry place.
Tools	Smoothing trowel, putty knife or floating rule.
Mixing ratio	23 kg 946 Europlan Hybrid Repair to 5.5 litres of water.
Processing time	Within 10 -15 minutes after mixing.* and levellability after approx. 60 minutes at 18° - 20°C.*
Waiting time	None.
Drying	Minimum 6 hours. *
Shelf Life	12 months in unopened packaging.
Remarks	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. Not suitable on floating dry screed elements or floating wood-based panels. 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. **) Observe the corresponding notes on dust reduction on the packaging. EMICODE, for more information visit www.emicode.com.

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

Substrate:

(floor and wall)

- 946 Europlan Hybrid Repair can be applied to any rigid, pressure-resistant and tear-resistant cement-based or gypsum-based surfaces as well as to other stony surfaces. The substrate must also be clean, permanently dry and free from grease and dirt, in accordance with the requirements of DIN 18365.
- Make the floor thoroughly dust-free after sanding with an industrial vacuum cleaner. Then prime cement-based floors with 044 Europrimer Multi and apply 043 Europrimer Alphy to gypsum-based floors and allow to dry sufficiently. In both cases, apply the primer using a fur roller.

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- Prime smooth and closed subfloors, such as tile floors, granito, terrazzo, asphalt floors, bituminous substrates and sanded, old (waterproof) adhesive residues with 044 Europrimer Multi using a foam roller.
- When filling holes, grooves and irregularities in cement-based floors and walls, thoroughly dust them first, then prime with 044 Europrimer Multi and apply 043 Europrimer Alphy to gypsum-based floors and walls and allow to dry sufficiently.
- Always consult our technical product information sheets beforehand. In case of doubt about the correct application to use, please contact our Technical Advice department.

Instruction manual:

- Add 23 kg of 946 Europlan Hybrid Repair to 5.5 litres of cold and clean tap water.
- Mix the mortar mechanically with the Eurocol 855 Mixer into a smooth and lump-free mass.
- Apply the mortar within 10-15 minutes using a smoothing trowel.
- Protect the newly repaired parts against draughts and direct sunlight.
- After around 60 minutes, the repaired areas can be primed and finished with a levelling compound, for example.
- If desired, 946 Europlan Hybrid Repair can be cut at a 1:3 ratio with 846 Quartzsand when applied in a layer thickness greater than 50 mm (max. 7 kg 846 Quartzsand to 23 kg 946 Europlan Hybrid Repair.
- For detailed information on safety measures, please refer to the safety data sheet.

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

Underfloor heating systems:
946 Europlan Hybrid Repair can be applied to underfloor heating constructions. The start-up protocol of the underfloor heating must be fully executed in advance in accordance with the supplier's guidelines. Switch off the heating one day before starting the work, then switch the heating on again at least 24 hours after levelling the subfloor, in steps of a maximum of 5 °C water temperature per day. Ensure that the floor temperature does not exceed 29 °C.

QUALITY AND GUARANTEE

ENVIRONMENT AND HEALTH

GISCODE	CP3 - repair mortar based on calcium sulphate and cement, calcium oxide content > 3%.
MSDS	For extensive information about safety and environment we refer to our website www.eurocol.nl.

ITEM DATA

Article	Definition	Packaging	EAN-code
946	Europlan Hybrid Repair	23 kg bag	8 710345 946001

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