eurocol

the strong connection

20-11-2026

945

EUROPLAN SOLID



This repair mortar can be processed in both liquid and solid form. Ideal for filling e.g. pipe slots or filling holes, grooves and unevenness in cement-bonded and other stone floors. Also suitable for leveling out unevenness in small floor surfaces and repairing steps. The mortar does not shrink during setting and its fine structure allows it to be finished very smoothly. Layer thickness 1-50 mm.

PRODUCT TYPING

Base	Cement-based powder with additives and a high synthetic binder content, to be mixed with water.
Color	Grey.
Consistency	Powder.

- Very low emission
- Emicode EC 1PLUS
- Dust reduced
- Fast setting (for fixing floor covering)
- Maximum layer thickness 50 mm
- Firm
- High compression strength
- Roller-castorchair resistant from 1 mm
- Very smooth finishing

PROPERTIES

Bending Strength	According to NEN-EN 13892-2 after 28 days ≥ 8 N/mm^2.
Bureau Wheelchair resistance	From 1 mm layer thickness.
Compressive strength	According to NEN-EN 13892-2 after 28 days ≥ 30 N/mm^2.
Consumption	Approx. 1.5 kg/m^2 per mm layer thickness.
Flammability	Non-flammable.
Sensitive to frost	No.
Passableness	1 hour at 18- 20 °C.*

APPLICATION

- Very suitable for filling deep cracks.
- For levelling and repairing steps and smaller floor surfaces, inside.
- For filling holes, cracks and irregularities in cement-based floors.
- Not suitable for wet areas and outdoor applications.

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PROCESSING

Storage	Store cool and dry.
Tools	Trowel.
Mixing ratio	Add 23 kg of 945 Europlan Solid to 5-7 litres of water.
Processing time	Use within 10 minutes after mixing. *
Waiting time	None.
Drying	24 hours.*
Shelf Life	9 months, in unopened packaging.
Cleaner	Water.

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

Substrate:

- 945 Europlan Solid 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.
- Prime smooth and impervious subfloors such as tile floors, granito, terrazzo, asphalt floors and bituminous substrates as well as old and sandpapered (water-resistant) adhesive residues with 044 Europrimer Multi with a foam roller.
- Prime porous cement screeds with 044 Europrimer Multi or 049 Europrimer ABS.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- Add 23 kg of 945 Europlan Solid to 5-7 litres (depending on application) of cool and clean tap water.
- Stir the mortar thoroughly, using an electric stirrer (Eurocol no. 855), to a smooth and homogeneous mixture.
- Apply the mortar within 10 minutes on the floor with a trowel.
- Protect fresh repair spots against draft and direct sunlight.
- After 30 - 45 minutes finish with a trowel until a smooth surface is accomplished.
- When a layer thickness > 50 mm is required mix 945 Europlan Solid 1:3 with 846 Quartzsand (Max. 7 kg 846 Quartzsand on 23 kg 945 Europlan Solid).
- 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 for material and subfloor : min. 15° - max. 20 °C.
Relative humidity : 40 - 70%.

Underfloor heating systems:
945 Europlan Solid 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 installation, in steps of maximum 5 °C water temperature per day.

QUALITY AND GUARANTEE

ENVIRONMENT AND HEALTH

GISCODE	ZP1
Hazard Class	Observe notes in the safety data sheet/label!
Safety and environment	Safety data sheets of Forbo Eurocol products according to EEG-guideline 91/155. Wear protective gloves and safety glasses! 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 extensive information about safety and environment we refer to our website www.eurocol.nl.

ITEM DATA

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Article	Definition	Packaging	EAN-code
945	Europlan Solid	23 kg bag	8 710345 945110

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