

# eurocol 945

the strong connection



## 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 $\geq 8 \text{ N/mm}^2$ .  |
| Bureau Wheelchair resistance | From 1 mm layer thickness.                                           |
| Compressive strength         | According to NEN-EN 13892-2 after 28 days $\geq 30 \text{ N/mm}^2$ . |
| Consumption                  | Approx. $1.5 \text{ kg/m}^2$ 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 Quartsand (Max. 7 kg 846 Quartsand 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](http://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 completely 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 <a href="http://www.eurocol.nl">www.eurocol.nl</a> .                                                                                                                                                                                              |

## ITEM DATA

### 945 EUROPLAN SOLID

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

#### 945 EUROPLAN SOLID

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