

FESTFLOOR

TECHNICAL DATA SHEET

PU FEST 2K CARBON

Water-based two-component sealer for microcement and resin floors



DESCRIPTION

PU FEST 2K CARBON is a water-based two-component sealer created for the protection and finishing of microcement and resin floors. Thanks to its polycarbonate formula, it stands out for its high hardness, abrasion resistance and smooth surface. It is a solution that will work well in both residential and commercial spaces – anywhere durability matters.

WHERE TO USE?

PU FEST 2K CARBON can be used in many ways:

- for sealing microcement
- for sealing epoxy resin surfaces, polyurethane resin surfaces, cement coatings on floors and walls.

The sealer is intended for sealing walls and other vertical surfaces exposed to periodic contact with water. It is not recommended for use on horizontal surfaces where long-term water pooling may occur (e.g. shower floors, shower shelves, shower seats and countertops where water may collect).

Product for professional use only.

TECHNICAL DATA

- Mix ratio (100:8): 100 by weight parts of component A : 8 by weight parts of component B
- Colour: transparent colourless
- Application temperature: +15°C ÷ +25°C
- Dry to the touch: 1-2h depending on temperature
- Light foot traffic is possible after 24 hours, full load after 7 days. More information can be found in the “Instructions for use of Festfloor decorative microcement coatings”.
- Consumption: 0,07-0,15 kg / m² per layer
- Appearance: matt, satin haptic
- Open time after mixing the components: 45-60 minutes
- Shelf life: 12 months

DIRECTIONS FOR USE

The surface must be fully cured, load-bearing, dry, clean and free from dust, waxes and oils. Shake the sealer component A thoroughly or mix it with a drill fitted with a mixing paddle. Then mix component A with component B in a ratio of 100:8 (100 parts by weight of component A: 8 parts by weight of component B). Mix vigorously with the drill and paddle until a homogeneous mass is obtained, then leave for 3 minutes. After this time, you can start sealing. Apply using a high-quality roller with a 7-9 mm nap length. The second coat of PU FEST 2K CARBON sealer can be applied after 2 hours without sanding or after 24h after sanding the surface with 220-grit sandpaper. Do not apply PU FEST 2K CARBON sealer during the hottest hours of the day, when weather conditions are not favourable, or on damp substrates.

PACKAGING

- 5 kg of component A + 0,4 kg of component B
- 1000 g of component A + 80 g of component B

STORAGE

The product should be stored in originally sealed packaging and in a dry place at temperatures from +10°C to +25°C away from heat sources. Protect from frost.

SAFETY AND HEALTH - COMPONENT A

- Causes serious eye irritation.
- Wear protective gloves / protective clothing / eye protection / face protection.
- IF IN EYES: consult a doctor.
- EUH208 Contains: biocidal product: Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one ; 2-methyl-2H-isothiazol-3-one (3:1). Contains: 1,2-benzisothiazol-3(2H)-one.

SAFETY AND HEALTH - COMPONENT B

- Harmful if inhaled.
- May cause respiratory irritation.
- May cause an allergic skin reaction.
- Harmful to aquatic life with long lasting effects.
- Wear protective gloves.
- Avoid breathing dust / smoke / gas / mist / vapours / spray.
- If you feel unwell, contact a POISON CENTER or doctor.
- Store in a well-ventilated place.
- Keep container tightly closed.
- Take off contaminated clothing and wash it before reuse.

Before starting work, read the Safety Data Sheets for the products included in the system, available on request.