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 waterborne two-component sealer designed to protect and finish microcement and resin floors. Thanks to its polycarbonate-based formula, it offers high hardness, abrasion resistance, and a smooth surface finish. It is suitable for both residential and commercial spaces – wherever durability matters.

APPLICATION

PU FEST 2K CARBON can be used for:

- protecting microcement surfaces
- protecting epoxy and polyurethane resin coatings, as well as cement-based coatings on floors and walls.

Product for professional use only.

HOW TO USE

The surface must be fully cured, sound, dry, clean, and free from dust, waxes, and oils. Shake component A of the sealer thoroughly or mix it using a drill with a rotary mixing paddle. Then mix component A with component B in a 100:8 ratio (100 parts by weight of component A : 8 parts by weight of component B). Mix vigorously with a drill and paddle until a homogeneous mixture is obtained, then let it stand for 3 minutes. After this time, you can proceed with sealer application. Apply using a high-quality roller with 7–9 mm pile length.

TECHNICAL DATA

- Mixing ratio (100:8):

100 parts by weight of A : 8 parts by weight of B

- Color: transparent, colorless
- Application temperature: +15°C ÷ +25°C
- Touch dry: 1–2 hours (depending on temperature)
- Light foot traffic: after 24 hours, full curing - after 7 days. You can find more information in the *"Instructions for the use of decorative coatings made of Festfloor microcement"*
- Consumption: 0.07–0.15 kg/m² per coat
- Finish: matt, satin haptic
- Pot life after mixing: 45–60 minutes
- Shelf life: 12 months

PACKAGING

PU FEST 2K CARBON is supplied in the following sets:

- 5 kg of Component A + 0.4 kg of Component B = 5.4 kg total
- 1000 g of Component A + 80 g of Component B = 1080 g total

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The second coat of PU FEST 2K CARBON can be applied:
- after 2 hours without sanding,
- or after 24 hours with light sanding using 220-grit sandpaper.

Do not apply the sealer during the hottest hours of the day, in unfavorable weather conditions, or on damp substrates.

STORAGE

The product should be stored in the original, unopened containers in a dry place at temperatures from +10°C to +25°C, away from heat sources. Protect from frost.

SAFETY MEASURES

COMPONENT A:

- Causes serious eye irritation.
- Wear protective gloves / clothing / eye and face protection.
- In case of contact with eyes, seek medical advice immediately.
- EUH208
  Contains biocidal product: mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Also contains 1,2-benzisothiazol-3(2H)-one.

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 / fumes / gas / mist / vapors / spray.
- If feeling unwell, contact a POISON CENTER or doctor.
- Store in a well-ventilated place.
- Keep container tightly closed.
- Remove contaminated clothing and wash before reuse.

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