

Microcem

Flor floor renovation and decoration

Special cement, selected arid, additives, resins and pigments.



Product

- Colored continuous pavement.
- Without joints, deformable and flexible.
- Waterproof and breathable.
- Null wastage to abrasion.
- Indoors and outdoors.

Observations

- Do not incorporate water and no other additive to the mortar.
- Do not apply Pavicem with humidity capillary rising possibility.
- On absorbent or porous surfaces moisten before applying the product.
- Treat the singular zones (fssures...) with glass fber mesh.
- Do not apply over surfaces with humidity >4%.
- This product is not resistant to acids, aggressive

Usage characteristics

- Mixture life: ±30 minutes
- Opening time: ±15 minutes
- Maximum thickness: 0.1 - 2 mm
- Maximum thickness per layer: 0.5- 1 mm
- Dry touch: 2-4 hours
- Operating disposal (> 20°C): ≥ 48 hours

** These times are contemplated at 20°C and they can oscillate depending on the ambient temperature.*

Performances (in lab)

- Adherence EN- 1015/12: 0.98 N/mm²
- Water absorption: 0.004 g/cm²
- Abrasion wastage: 15,0 mm
- Frost-thaw with salts: 0.01 kg/cm²
- Slip resistance: Class 2-3 (depending on the finish)
- Slip resistance: Class 1 (indoors)
- Behavior against fire: A1 Euroclass

*** These results are from standard essays and they can oscillate depending on the workplace conditions.*

Enforcements

- Colored deformable micro cement with high performances for floor renovation and decoration.
- Fit for pedestrian and road traffic.
- Minimum thickness (1-2 mm).
- Without wastage.
- Indoors and outdoors

Supports

- Over concrete slab, terrazzo, marble, ceramic, wood, glass.

Finish

- Smooth, wrinkled, as it was a painting.
- Venetian type, marbled, wood.

Enforcement tips

- Application temperatures 10°C to 30°C.
- As a bridge, use Unicem-2C or F-300 quick primer.
- Respect always the same percentage Acrylcm during the mixture.
- Do not add water to the product.
- Respect the expansion joints and retraction joints.

Execution condition

- The existing support has to be resistant and its setting completed. It has to contain no dust, paintings, oils...
- Base of Floor Recrecido, Pavistamp Floor, mortar, concrete...has to has its setting completed (≥ 28 days) and with humidity < 4 %.
- Once the surface is leveled and ready, apply micro cement Pavicem at a rate of 0,5 mm each coat, until obtaining the desired thickness and effect.
- Between coats, sand, polish and vacuum the irregularities in order to obtain the desired texture.
- Over nonabsorbent surfaces, glass, porcelain, treated wood... open the porous and apply 1-2 quick primer coats F-300.
- Outdoors, do not apply with direct insolation, wind, rain risk or frost-thaw possibility.
- With low temperatures, avoid the mortar application in the following hours as it increases the efflorescence by carbonation appearance risk.

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Usage way

• Mixing:

25-30% of clean water and according to granulometry, mix for 5 minutes with the indicated mixer, at low revolutions until a homogeneous, workable and lump-free mass is obtained. 2 minutes to rest.

Apply manually with the appropriate tool in layers of maximum 0.5 mm, until the desired effect is achieved.

Once the surface is completely dry, <4% humidity, apply the curing resin Orfapol-50 (water based).

Optional: Orfapol colorless, porcelain effect and with humidity <4%.

Associated products

*Silicato
 *F-600
 *Pavicem microcemento
 *Ecopox-cem plus 3c
 *Pavex-2c primer
 *F-300
 *Orfapol-50
 *Orfapol incoloro
 *Floor recrecido
 *Microesferas



Packing

15 - 5 kg Packages
 15 kg Plastic drum
 405 kg pallet (27 drums)

Colors

56 colors chart
 (others on demand)

Consumption

0,2-0,4 kg/m²
 (1 layer)

** These consumptions can oscillate depending on the support and coat number.*

Preservation

In drum: 2 years
 In sack: 1 year
 In original closed container (20 °C) and protected from weather and humidity.

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.