

Pavicem Monocomponent

Renovation / Decoration of floors and facades

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 no other additive to the mortar.
- Do not apply the mortar when there is a possibility of capillary rising dampness.
- On absorbent or porous surfaces moisten before applying the product.
- Treat the singular zones (fissures...) with glass fiber mesh.
- Do not apply over surfaces with humidity >4%.

Characteristics

- Mixture life: ± 3 hours
- Open time: ± 2 hours
- Maximum thickness per pass: 0.5- 1 mm
- Maximum thickness: 0.1 - 2 mm
- Dried to touch: 5-7 hours
- Commissioning (> 20°C): ≥ 48 hours

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

Performances (in the laboratory)

- Mixing water: 25-30% (according to grain size)
- 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.*

Applications

- Monocomponent microcement (thin, medium or thick) deformable colored microcement of high performance for the renovation and decoration of floors and facades.
- 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.

Finishes

- Smooth, textured or as paint.
- Venetian type, marbled, wood.

Recommendations

- Application temperatures 10°C to 30°C.
- In the case of damp or by capillary lift, use **Ecopox-cem plus 3C**.
- To avoid possible color changes, during mixing, always respect the same percentage of water.
- The percentage of water may vary depending on the beater used.
- To regulate the surface, use bonding bridge **Pavex-2C primer** or **Ecopox-cem plus 3C**.
- Respect the expansion and retraction joints.

Execution conditions

- The existing support has to be resistant, and its setting completed. It must contain no dust, paintings, oils...
- Base of mortar, concrete...must has its setting completed (≥ 28 days) and with humidity < 4 %.
- On old concrete, mill the surface layer and vacuum, apply 1 - 2 passes of hardener **Silicate** or **F-600**.
In all cases on surfaces (concrete, ceramics, wood ...) open pore and
- apply 1-2 passes of **Pavex-2C primer** or **F-300 primer**.
Once the surface is level and prepared, apply the micro cement "to zero" with the appropriate tool, until the desired thickness and effect are achieved.
- Between passes, sand, polish and vacuum irregularities to obtain the desired texture.
- 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.

Pavicem Monocomponent

Renovation / Decoration of
floors and facades

Usage way

• Mixture ratio:

25-30% clean water and according to grain size.

Mix during 5 minutes with the indicated whisk with low revolutions until obtaining a homogeneous mass, workable without lumps and let it rest for 2 minutes.

Apply manually with the adequate trowel in coats with 0.5 mm maximum, until obtaining the desired effect.

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

*Pavex 2C primer

*Pavicem microcement

*Orfapol-50

*Orfapol colorless

*Floor Self-leveling

*F-600

*Microspheres

*Silicate

*Ecopox-cem plus 3C



Packaging

Fine: 18 kg sack

Medium 25 kg sack

Thick: 25 kg sack

Colors

(Pavicem color chart)

56 color chart

(others on demand)

Consumption

0,2 - 0,4 kg/m²

(1 pass)

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

Preservation

In drum: 2 years

In sack: 1 year

In original closed container, and sheltered from outdoor and humidity: 1 year

⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even corresponding to our best experience, should be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; Therefore, before using the product, whoever is going to do it must establish whether or not it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product is handled or applied, the manufacturer will not assume any claim, nor will it be responsible for the form, mode and conditions of application.