

Pavicem Micro Cement

For floor renovation and decoration

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



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 (fissures...) with glass fiber mesh.
- Do not apply over surfaces with humidity >4%.
- This product is not resistant to acids, aggressive cleaners, bleaches ...

Characteristics

- Mixture life: ±30 minutes
- Open time: ±15 minutes
- Maximum thickness: 0.1 - 2 mm
- Maximum thickness per layer: 0.5- 1 mm
- Dried to touch: 2-4 hours
- Commissioning (> 20°C): ≥ 48 hours

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

Performances

- Adherence EN-1015/12: 0.98 N/mm²
- Water absorption: 0.004 g/cm²
- Abrasion wastage: ≤15mm
- 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.

Finishes

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

Recommendations

- Application temperatures 10°C to 30°C.
- In case of humidities or capillary rising, use **Ecopox-cem plus 3C**.
- To regularize the surface use, **Pavicem micro-mortar** or **Floor self-leveling**
- Always respect the equal percentage of **Acrylcem** during the mixture.
- Do not add water to the product.
- Respect the expansion and retraction joints.

Execution conditions

- The existing support must 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.

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Usage way



Mixture ratio: 2 to 1.

* 2 **Pavicem** parts.

* 1 **Acrylcem** part.



Mix the 2 components for 5 minutes with the indicated mixer at low revolutions until obtaining a homogeneous viable and lump free mass, let stand 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 cured resin **Orfapol- 50** (water base).

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

Associated products

- *Pavicem micro-mortar
- *Pavex-2C primer
- *Silicate
- *F-300
- *Floor self-leveling
- *Acrylcem
- *Orfapol-50
- *Orfapol colorless
- *Microspheres
- *Ecopox-cem plus 3C
- *Silicate



Packaging

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

Colors

- 56 colors chart
- (others on demand)

Consumption

- (1 layer)
- Pavicem: $\pm 0,2$ kg/m²
- Acrylcem: $\pm 0,1$ kg/m²

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

Preservation

In original closed container (20°C) and sheltered from outdoor and humidity: 2 years

! 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 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.