

# Microcement (ready to use)

## Renovation/decoration of floors and facades

Silicate and acrylic resin mortar, recycled aggregates, mineral pigments, and organic and inorganic additives.



### Product

- Mortar ready to use
- Continuous colored coating
- Jointless, deformable and flexible
- Waterproof and breathable
- Zero abrasion wear
- Indoors and outdoors

### Observations

- Do not incorporate water or any other additive to the mortar.
- Do not apply the mortar with the possibility of humidity by capillary lift.
- On absorbent or porous surfaces moisten before applying the product
- On plaster, plasterboard, anhydrite., apply **F-300** quick primer.
- Treat the singular areas (fissures...) with fiberglass mesh.

### Characteristics

#### Product density

- Fine: 1500 kg/m<sup>3</sup>
- Medium: 1700 kg/m<sup>3</sup>
- Thickness: 1850 kg/m<sup>3</sup>
- Mix life: ± 3 hours
- Open time: ± 2 hours
- Maximum thickness per pass: 0.5- 1 mm
- Maximum thickness: 0.1 - 2 mm
- Drying to the touch: ≥7 hours
- Commissioning (> 20°C): ≥ 48 hours

*\*These times are set at 20°C and may vary depending on the ambient temperature.*

### Performance (in laboratory)

Adhesion EN- 1015-12:

- Mortar support: ≥2.00 N/mm<sup>2</sup>
- Ceramic stand: ≥1.20 N/mm<sup>2</sup>
- Gypsum stand: ≥0.60 N/mm<sup>2</sup>

Resistance to adhesion, UNE-EN 13892-8:2003

- System A: ≥1,2 N/mm<sup>2</sup>
- System B: ≥1,8 N/mm<sup>2</sup>
- System C: ≥1,6 N/mm<sup>2</sup>

Wear resistance BCA, UNE-EN 13892-4:2003

- System A: 120 µm
- System B: 90 µm
- System C: 100 µm

Fire behaviour: A1 Euroclass

*\* These results have been obtained under standard conditions and may vary depending on the commissioning conditions.*

### Applications

- Microcement ready to use (fine, medium or thick) of colored and deformable, of high performance for the renovation and decoration of floors and facades
- Suitable for pedestrian and road traffic.
- Minimum thickness (1-2 mm)
- No wear and tear
- Indoors and outdoors.

### Recommendations

- Application temperatures 10°C to 30°C.
- In case of humidity or capillary lifting, use **Ecopox-cem plus 3C**.
- To avoid possible changes in color, during the application make work joints if necessary.
- To regularize the surface, use the **Pavex 2C primer**.
- Respect the expansion and retraction joints.
- Do not apply in direct sunlight, strong wind or possibility of rain or ice.
- Protect all areas where product splashes may occur, such as windows, floors...
- Cleaning of utensils with water.

### Execution conditions

- The existing support must be resistant and set, clean of dust, paints, oils...
- The base of mortar, concrete... it must be completely set (≥ 28 days) and moisture < 4%.
- On old concretes, mill the surface layer and vacuum, apply 1 - 2 passes of **F-300**.
- In all cases on surfaces (concrete, ceramics, wood ...) open pore and apply 1-2 passes of **Pavex-2C primer**.
- Once the surface is level and prepared, apply the microcement "to zero" with the right tool, until you get the desired thickness and effect.
- Between passes, sand, polish and vacuum the irregularities to obtain the desired texture.
- Do not interrupt the application once it has started, unless a decorative or work joint can be made.
- In the case of applying in large areas, prevent additional labor to avoid the appearance of joints within the same surface.
- Outdoors, do not apply with direct insolation, wind, risk of rain or possibility of ice-thaw.

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## How to use

Mezcla:

The mortar is supplied ready to use.

Once the container is opened, before using stir all the contents with whisk until a homogeneous mass is achieved.

Apply with stainless steel trowel or with a gun to project to a thickness of 2-3mm at all points.

Once sanded and vacuumed, apply the **Orfapol-50** curing resin (water-based)

## Supports

- On concrete slab, terrazzo, marble, ceramics, wood, glass...

## Finishes

- Smooth, rough, like paint.
- Venetian type, marbled, wood...

## Associated products

\*Microcement

\*F-300

\*Pavex 2C primer

\*Orfapol-50

\*Floor regrown

\*Microspheres

\*Ecopox-cem plus 3C



## Packaging

Drum of 25 kg  
600 kg pallet (24 drums)

## Color

(Pavicem color chart)  
56-color chart (others a la carte)

## Consumption

0.2-0.4 kg/m<sup>2</sup> (1 pass)

\*These consumptions may vary according  
to the support and number of passes.

## Conservation

The original container closed (20 °C) and sheltered  
from the weather 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.