



SPECIAL FLOOR



Meex Special Floor is the monocomponent microcement recommended for interior floors with a medium grain texture.

With this product, continuous floors with elegant and natural finishes are achieved. In this way the water effect is present but in a more subtle way.

PROPERTIES

- Continuous seamless cladding (always respect expansion joints).
- Applicable on almost any type of substrate: concrete, cement, ceramic, plaster, plasterboard, etc.
- Excellent workability.
- Wide range of colours and effects.
- High adhesion to the substrate.

PERFORMANCE

Performance will depend on the substrate to be coated. In an application standard performance is:

Meex Special Floor M (Dos layers): 1.4 kg/m²
Meex Special Floor L (Dos layers): 1.4 kg/m²

INSTRUCTIONS FOR USE

1) Preparation of the substrate

Before applying **Meex Special Floor** microcement it is necessary to prepare the surface with **Meex Special Base**. The application substrate must be clean and free of grease, the base must be consolidated and in good planimetric conditions.

2) Mixing

Meex Special Floor is mixed with water and pigments according to the selected colour. To guarantee the properties of the coating, it is essential to respect the ratio between microcement and water:

- 10 kg **Meex Special Floor M** (2 layers) - 2,8L water.
- 10kg of **Meex Special Floor L** (2 layers) - 2.7L of water.

3) Preparation of the mortar

The mortar should be prepared as follows:

1. Pour water into a container, add the desired pigment and mix until a homogeneous coloured liquid is obtained.

2. Pour the microcement powder gradually at the same time the product is mixed with a mechanical low speed mixer revolutions.

3. Mix for at least 2 minutes until a mixture is obtained homogeneous and free of lumps.

4) Consumption

Performance on surface prepared with **Meex Special Base** is :

- **Meex Special Floor** (2 layers) – 1,40kg/m².

The better the levelling and preparation of the surface to be coated, the better the performance and the lower the cost in material and application time.

It is advisable to choose the appropriate method for each application.

APPLICATION

Preparation hands

Apply two layers of **Meex Special Base** using a metal trowel after coating the surface with the flexible fibre mesh. Before applying a new coat, let the previous one dry and sand gently with a roto-orbital sander and 40-grit sandpaper to remove imperfections

Finishing hands

Apply two layers of **Meex Special Floor** by spreading it with the help of a flexible steel trowel using one of the two techniques below:

"Fresh on fresh"

Meex Special Floor can be worked using the "fresh on fresh" technique, applying the next coat as soon as the first coat no longer has "tack" (when the freshly applied microcement stops sticking to the fingers when touched). This first coat of **Meex Special Floor** does not require sanding. If any burrs or lumps remain, these should be removed with the backing trowel, removing any protruding material. Apply the next layer working on extruded polystyrene boards. Once the material is dry, sand gently with a roto-orbital sander or 80-grit sandpaper to remove imperfections (as soon as it has changed colour and is lighter in colour).

"Fresh on dry"

Before applying a new coat, let the previous one dry (about three hours) and sand gently with a roto-orbital sander or 80-grit sandpaper to remove imperfections.

Do not apply layers thicker than 1 mm for **Meex Special Base**, **Meex Special Floor** and **Meex Special Wall** microcements. A total system thickness of 1 to 3 mm is recommended.

Sealing

Meex microcements should be sealed after hardening within 24-48 hours. The coating can be sealed when it has a humidity of less than 5 %, the measurement is done with instruments designed for this purpose. Meex microcements can be sealed with **Meex Sealant Xtreme** water-based primer and varnish. We recommend scrupulously following the application advice in the technical data sheets.

TECHNICAL DATA

Type	Monocomponent microcement
Aspecto	White powder
Tamaño máximo del árido	M: 0,18 mm / L: 0,20 mm
Bulk density	In polvo: 1175 ± 50 kg/m ³ One paste: 1480 ± 50 kg/m ³ Hardened: 1430 ± 50 kg/m ³ (28 days)
Compressive strength (EN 13892-2)	≥ 40N/mm ² (28 días)
Bending strength (EN 13892-2)	≥ 10N/mm ² (28 días)
Adhesion resistance (EN 13892-8)	≥ 1,2N/mm ² (28 días)
Reaction to displacement (EN 12633:2003)	USRV Rd = 25 Clase 1 (28 días)

SPECIAL PRECAUTIONS

This product contains cement.

- Avoid contact with eyes and skin and avoid inhalation of dust.
- Wear rubber gloves and protective goggles.
- Do not apply the product at room temperature below 10°C or above 30°C.

Low temperatures lengthen and high temperatures significantly reduce the shelf life and drying time of the product.

Empty containers must be disposed of in accordance with current legislation.

Keep out of the reach of children.

To prevent the product from drying out or thickening, close the lid after each use.

Keep out of the reach of children.

CAMPO DE APLICACIÓN

Mortar for coating vertical walls and non-trafficable horizontal surfaces in interior or exterior commercial and residential spaces, dry or wet.

TOOL CLEANING

Tools should be washed with water immediately after use. Once the material has hardened, it can only be removed mechanically.

PACKAGING

It comes in 20 kg packages.

PRODUCT LIFE TIME

The pot-life is 1 hour at approx. 20°C. We recommend mixing according to the experience of the applicator.

STORAGE CONDITIONS

The product should be stored in its original closed and weatherproof packaging at temperatures between 10°C and 30°C, in a dry and well-ventilated place, away from sources of heat and direct sunlight. The shelf life is 24 months from the date of manufacture, if stored properly.

