

Fecha de Alta

19-11-2013

Versión

9 - 11/03/2020



FAMILY ALTA DECORACION

LINE SISTEMA MICROCEMENTO

DESCRIPTION AND NATURE

Component of the Base product in the Microcement system.
Lightly-textured cement-based coating for smoothing and levelling base surfaces prior to applying the Microcement System

USAGES

Fibre-cement

Stoneware

Porcelain stoneware

Cement

Plaster finishing

Without the need for complex and inconvenient works that cause noise, debris and dirt

PROPERTIES

Bending strength UNE-13892-2 F7

Mix density 1.7kg/dm³Hardened density 1.5kg/dm³

Compression strength UNE-13892-2 C15

TECHNICAL CHARACTERISTICS

Referencia Color	MICROCEMENTO FONDO
Mixture relation	15kg Microcemento Fondo + 5kg Microcemento Resina
Specific weight	1,21± 0,05 kg/l
Solids in volume	100± 1
Solids in weight	100± 1
VOC	Cat. i/BA 140/140 (2007/2010):0,00 g/l
Aproximated performance by coat	Depending of product usage
Colours	The product itself is white. No need to color it, since it acts as a base and shall be covered with thin layer of decorative finish Microcemento.

SURFACE PREPARING

New surfaces

New Base Surfaces

These must be firm and clean and free from any oil, grease, paint, dust or any other contaminant that hinders adhesion.

You must also check the degree of humidity (avoid waterlogged base surfaces) or water-repellance of the base surface.

-Concrete, cement and resin flooring in good condition, gentle sanding followed by vacuuming of the dust.

-On ceramic coatings in good condition: Clean and remove all traces of grease and contaminants from the surface.

Vertical walls

-Remove dirt and vacuum dust. You do not have to remove paint if it is water-based, in good condition and with good adhesion, with the exception of satin paint or water-based or solvent-based enamel, in which case you will have to open the pore.

Given the strong adhesive properties of Microcemento Base, a bonder only has to be used in the following cases:

Epoxy Floor Primer

- Surfaces where there may be moisture seepage
- Ceramic surfaces in contact with water
- Polished surfaces (concrete) where it is suspected that the blasting has been insufficient

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– Any surface where we wish to ensure perfect adhesion.

Do not apply a layer of the product thicker than 1mm. Apply subsequent coats of microcement when the epoxy primer is still mordant, approx. 3-4 hrs after application.

- Imprímación 100% sólidos + Cataliz. (Monto Ind.): If it is necessary to regularize and level support.
- Fijamont Aqua: Vertical walls where the surface is crumbling or there are remains of paint
- Sellalux Sealant: for wood.

Partitions and joints

- The position of the expansion joints must match those in the base that acts as the base surface.
- Using a fibreglass mesh as a reinforcing mesh will enable us to create surfaces with no partitions or joints. This is always recommended when used in flooring applications. This is not necessary on vertical surfaces except in very specific cases where greater mechanical resistance is required.
- When applying to large surface areas, do not interrupt the work in order to avoid junctions.

Restoring and maintenance

Restoration and maintenance

Concrete, cement and resin flooring in bad condition:

Sand blasting to remove contaminants and optimise the surface for better adhesion.

Repair any holes or cracks in the surface.

Ceramic coatings in bad condition, remove fully if you cannot guarantee perfect adhesion on the base.

Vertical walls

Paint in bad condition, remove fully by sanding or another mechanical means.

Once the base surfaces have been treated, check the adhesion and proceed as you would with NEW BASE SURFACES.

WAY OF USE

Application Notes

The ideal application temperature is between 5 and 30° C. This range must be maintained for the first 72 hours. Try not to apply in temperatures above 35° C to avoid the product drying out too quickly.

The materials must be prepared so that their temperature is within the temperature range specified above. If the Microcement Base is very warm due to indirect sunlight, this could lead to problems due to loss of workability and premature setting.

Changes in ambient temperature during application also change the material's setting and drying times.

Preparing the mix:

Pour the 15kg bag of Microcement Base onto the 5kg of resin that has already been transferred to the 15L container that comes with Microcement Base in powder form. Add it little by little and beat slowly using a mechanical stirrer until you are left with a uniform, lump-free paste.

Use a steel trowel to apply 2 to 3 thin layers depending on the application, leaving 2 to 3 hours between coats until you achieve a smooth and level surface. (This time may be adjusted up or down, depending on the environmental conditions at the time of application)

Coverage per coat 1/kgm² (approx 0.5mm thick).

Total coverage: 2-3 kg/m² (1-2 mm thick).

After 24 hrs, we can sand off any imperfections with 120/180 sandpaper.

Clean up all the dust produced.

We then finish with Microcement Finish in the chosen colour.

Microcement Base is not recommended for base surfaces that contain water such as swimming pools, tanks or baths.

Solvent for dilution and cleaning

Water

Way of use

Large Pallette

Aproximate dilution

0

SYSTEM

Procedures depending of surface type

	Primer	Intermedium	Finish
Cement, concrete surfaces, etc			
MAX	Imprímación Epoxi Suelos	Microcemento Fondo -Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
STD	Microcemento Fondo	Microcemento Fondo -Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)

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Tiles, Ceramic Material in wet environments

MAX	Imprimación Epoxi Suelos	Microcemento Fondo-Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
STD	Imprimación Epoxi Suelos	Microcemento Fondo-Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)

Old paint in Good Condition on a rough base surface or one with imperfections

MAX	Fijamont Aqua	Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
STD	Microcemento Fondo	Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)

SECURITY

Do not eat, neither drink, nor smoke during the application. In case of contact with eyes, wash abundantly with clean water. Keep away from children. Do not throw in darin. Keep product in dry area, under cover and temperature between 5 to 35°C. For further information, please check product safety sheet.

NOTE

Maximum recommended storage time : 24 months since its fabrication in its original packaging perfectly closed, stored indoors and at temperatures between 5° and 35°C

Information here indicated is based on our actual knowledge, laboratory testing and taking in count the practical use under specific circumstances. As it is impossible to stablish an adequate description for every nature and status of the supports to be painted, we are unable to warrant the absolute reproductibility in each specific use

PACKINGS

15 Kg