

Fecha de Alta

19-11-2013

Versión

13 - 11/03/2020



FAMILY ALTA DECORACION

LINE SISTEMA MICROCEMENTO

## DESCRIPTION AND NATURE

Microcement system component.  
Fine finish coating, made from cement and exclusive polymers.  
Great decorative finish

## USAGES

Cement  
Plaster finishing  
Fibre-cement  
Stoneware  
Porcelain stoneware  
Without the need for complex and inconvenient works that cause noise, debris and dirt

## PROPERTIES

Bending strength UNE-13892-2 F7  
Compression strength UNE-13892-2 C30  
Impact resistance EN-ISO-6272 IR>4Nm  
Mix density 1.7kg/dm<sup>3</sup>  
Hardened density 1.5kg/dm<sup>3</sup>

## TECHNICAL CHARACTERISTICS

Referencia Color	MICROCEMENTO ACABADO
Mixture relation	12kg Microcemento Acabado+ 5kg Microcemento resina
Specific weight	0,78± 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. The Montó Microcement system boasts a range of 39 colours that can be reproduced using the tintometric system.

## SURFACE PREPARING

## New surfaces

There are four steps in the Microcement System:

1. Primer: Acts as an Adherence Enhancer;
2. Microcement Base + Resin: To smooth out the base surface;
3. Microcement Finish + Resin: To achieve the desired effect;
4. Varnish: To seal the Microcement.

A primer will not need to be applied in those cases where the base surface has open pores and has total adhesion.

The Microcement Base will not need to be applied in those cases where the base surface does not need to be smoothed out.

Steps 3 and 4 are always required.

For smooth base surfaces in good condition, such as cement, concrete, resins or vertical walls, sand gently and then vacuum the dust produced.

## Restoring and maintenance

For concrete, cement and resin floors in bad condition as well as for application onto tiles, you must first apply Microcement

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Base, following the steps in the relevant technical data sheet.

## 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 Finish 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 12kg bag of Microcement Finish onto the 5kg of resin that has already been transferred to the 15L container that comes with Microcement Finish 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.

Apply in thin layers using a steel trowel. Apply 2 to 3 layers depending on the application, leaving 1 to 2 hours between coats until you achieve the desired effect. (This time may be adjusted up or down, depending on the environmental conditions at the time of application)

Coverage per coat 0.5kg/m<sup>2</sup>, in thin layers no thicker than 0.2mm.

TOTAL coverage: 1-2kg/m<sup>2</sup>

We recommend using a plastic/rubber trowel for applying Microcement Finish in white or very light colours.

After 24 hrs, lightly sand the entire surface with 400 sandpaper.

Clean up all the dust produced.

Apply a protective layer of whatever varnish is recommended depending on the use of the surface.

. Microcement System varnishing and protection

There are different products for this purpose depending on the use we want for the System. Follow the specific application instructions in each case.

	Barniz Pavimont Acqua		Barniz Microcemento Range/Barniz Acripol Range		
	Barniz Ladrillo	Barniz Universal	Cera Estucos	Barniz Pavimont Acqua	Barniz Micircemento Range/ Barniz Acripol Range
Indoor flooring	XX			XXX	
Outdoor flooring	XX			XXX	
Kitchen and bathroom walls Tiles					XXX
Interior Works Walls	X	X	X	XX	XXX
Exterior Works Walls	X			XX	XXX

X: Possible use

XX : Recommended use

XXX: Ideal for this application.

To correctly apply the previously mentioned varnishes, consult the Fact Sheets. If using POLYURETHANES, apply an initial layer of the most sealant finish (Acripol Gloss Varnish) as a FIXER. To do this, dilute the product between 40-100% according to the porousness of the base, then top with the desired finish: Matte, Satin or Gloss. For water-based varnishes, prior to their application seal the surface with Fijamont Acqua diluted by 50% to avoid crazing and unaesthetic cavities.

Polyurethane varnishes are recommended for high-transit flooring and on surfaces in direct contact with water (inside showers). For these uses, first apply the finish that seals best (Acripol Gloss varnish) and then end with the desired finish: Matt, Satin or Gloss.

The Acripol range of polyurethanes are solvent-based, and if they are to be used indoors, safety standards must be followed and the corresponding PPE (personal protective equipment) must be worn.

The Microcement Varnish Range is developed specifically as a system finish under normal conditions, it is water-based and provides a strong and decorative finish.

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We do not recommend the use of products not tested or suggested in this system as we cannot guarantee the result.

**Colour**

Product that can be coloured using the Montomix Tintometric System. The colour is added to the Microcement Resin, which will be mixed onsite with Microcement Finish. You do not need to colour Microcement Base.

The system is optimised to reproduce the colours on the chart, mixing the specified amounts of Microcement Finish + Microcement Resin. Altering the amounts of colouring stated in the formula is not recommended.

The varnish selected has a considerable impact on the intensity of the colour.

Making colours other than those described in our Tintometric System is not recommended.

Montó Microcement Finish 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	Aproximate dilution
Large Pallette	0
Plastic Trowel	0

**SYSTEM****Procedures depending of surface type**

	Primer	Intermedium	Finish
<b>Old paint in Good Condition on a smooth base surface</b>			
<b>MAX</b>	Fijamont Aqua	Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
<b>STD</b>	Microcemento Acabado	Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
<b>Old paint in Good Condition on a rough base surface or one with imperfections</b>			
<b>MAX</b>	Fijamont Aqua	Microcemento Fondo	Gama Barniz Microcemento (y/o Acripol)
<b>STD</b>	Microcemento Fondo	Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
<b>Tiles, Ceramic Material in wet environments</b>			
<b>MAX</b>	Imprimación Epoxi Suelos	Microcemento Fondo-Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
<b>STD</b>	Imprimación Epoxi Suelos	Microcemento Fondo-Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
<b>Cement, concrete surfaces, etc</b>			
<b>MAX</b>	Imprimación Epoxi Suelos	Microcemento Fondo-Microcemento Acabado	Gama Barniz Microcemento (y/o Acripol)
<b>STD</b>	Microcemento Fondo	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

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specific circumstances. As it is impossible to establish 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**

12 Kg