

# BARNIZ MICROCEMENTO SATINADO



**FAMILY** ALTA DECORACION

**LINE** SISTEMA MICROCEMENTO

## DESCRIPTION AND NATURE

Bicomponent satin varnish. Water-based aliphatic polyurethane product. Developed as a MICROCEMENTO MONTÓ protective and decorative varnish. Suitable for floors and walls.

## USAGES

Indoors/Outdoors

Ideal for varnishing our MONTÓ MICROCEMENTO, on floors and walls.

## PROPERTIES

Odourless

- Excellent weather resistance

- Water-based product

Low VOC content

- Easy to clean

- Good resistance to yellowing

- Very resistant to the passage of people

- Good scratch and abrasion resistance

- Closed pore varnish with high levels of surface hardness

Easily applicable

Good yield

## TECHNICAL CHARACTERISTICS

Referencia Color	BARNIZ MICROCEMENTO SATINADO
Mixture relation	3 CA / 1 CB. Partes en peso.
Finish	Satin
Specific weight	1,01± 0,05 kg/l
Viscosity	80 +/- 5 SG
Solids in volume	34± 1
Solids in weight	38± 1
VOC	Cat. j/BA 140/140 (2007/2010):115,89 g/l
Aproximated performance by coat	10-11 m <sup>2</sup> /Kg

Dry to touch	1 hour for 40 dry microns.
Dry to repaint	Minimum 12 hours and maximum 48 hours. At 20 °C.
Colours	Transparent.

## SURFACE PREPARING

### New surfaces

#### MICROCEMENTO MONTÓ:

1. Remove large irregularities (burrs) by brushing or sanding with heavy grit sandpaper.
2. Condition with medium grain sandpaper (150-220).
3. Remove the dust generated by blowing with pressurised air.
4. Properly vacuum using a soft brush to help.
5. Check that the surface has the desired look.
6. Check that the base surface is clean, dry and free from any type of contaminant.
7. Application of BARNIZ MICROCEMENTO according to the process recommended as follows.

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## Restoring and maintenance

MICROCEMENTO MONTÓ WITH AGED COATINGS:

1. Completely remove the old coating by sanding.
2. Sand the MICROCEMENTO MONTÓ surface with medium grain sandpaper (to provide adhesion).
3. Properly remove the dust produced.
4. Apply a new layer of MICROCEMENTO MONTÓ.
5. Proceed as with a new base.

## WAY OF USE

### Application Notes

- Add part CB (catalyst) to part CA (BARNIZ MICROCEMENTO) and mechanically stir the mix until even.
- Mixing CA + CB produces a cream. By adding water, the viscosity is perfectly adapted.
- Dilute with water according to the chosen application method.
- Once the MICROCEMENTO MONTÓ surface preparation has been completed as specified above, we should paint a base layer with BARNIZ MICROCEMENTO BRILLO.
- Respect repainting times between coats and products.
- Do not apply at high temperatures or on surfaces exposed to strong sunlight.
- Application conditions:
  - Room temperature: 5-35°C – RH ≤ 75%.
  - Substrate temperature: ≥ 7°C and 3°C above dew point.
- Respect MICROCEMENTO MONTÓ setting times. It is recommended to wait for 48 hours.
- Substrate humidity must be less than 4 %.
- Proper ventilation is recommended, especially indoors.
- It is possible to tread on the varnished surface carefully after 24 hours (at a temperature of 20 °C) and it acquires maximum physical resistance after eight days (at a temperature of 20 °C).
- The recommended thickness for each coat would be 30-40 dry microns.
- Physical-chemical data corresponding to the CA + CB mix:
  - Solids by volume: 45.5 ± 3%.
  - Solids by weight: 48 ± 3%.
  - Specific gravity: 1.06 ± 0.05 kg/l.
  - VOC of the mix: 116 g/l
- The above physical-chemical data relate to the CA + CB mix. And the data which appear in the TECHNICAL CHARACTERISTICS section only refer to part CA.

### Solvent for dilution and cleaning

Water

#### Way of use

Brush, Roller  
Aerographic gun

#### Aproximate dilution

10-20 %  
10-20 % (Presión: 2-4 Bar; Boquilla: 1,5-2 mm)

## SYSTEM

### Procedures depending of surface type

	Primer	Intermedium	Finish
<b>MICROCEMENTO MONTÓ</b>			
<b>MAX</b>	BARNIZ MICROCEMENTO BRILLO	BARNIZ MICROCEMENTO SATINADO	BARNIZ MICROCEMENTO SATINADO
<b>STD</b>	BARNIZ MICROCEMENTO BRILLO		BARNIZ MICROCEMENTO SATINADO

## 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.

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## NOTE

Maximum recommended storage time : 12 months since its fabrication in its original packaging perfectly closed, stored indoors and at temperatures between 5º and 35ºC

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 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

2.4 Kg