

## CLAUDICEMENTO FINE MICROCEMENT TECHNICAL SHEET

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### ClaudiCemento Microcement Fine

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ClaudiCemento Microcement Fine provides great originality and beauty, it is suitable for coating new and old concrete surfaces, cement, mortars and ceramics of any type. Both horizontal and vertical application.

ClaudiCemento Microcement Fine is a mono component coating based on cement, selected aggregates, correctors, dyes and synthetic resins.

### PRODUCT CHARACTERISTICS

- High resistance to abrasion
- Good mechanical resistance
- Stable against ultraviolet rays
- Thickness only 2-3 mm
- Easy to keep clean
- Anti-allergic
- Can be used in wet areas such as wet rooms

### APPLICATION AREAS

Suitable to decorate low traffic floors, walls and ceilings of commercial and residential areas.

### CONSUMPTION

The coat thickness is approx.1 mm

Consumption is about 0.35 kg per coat.

### PRESENTATION

Size grain :  $\pm 0.1$  mm

### PACKAGING

Buckets 20 Kg

## TECHNICAL DATA

TYPE – Microcement FINE mono-component	PRODUCT COMPOSITION
<b>Appearance:</b> White Powder	
<b>Apparent Density :</b> <b>Powder:</b> +/- 800 kg/m <sup>3</sup> . <b>Paste:</b> +/- 1.300 kg/m <sup>3</sup>	<b>cement</b>
<b>Solids content:</b> 100%	<b>mineral fillers</b>
<b>Use time:</b> +/- 60 minutes. re-mix every 15 minutes.	<b>corrections</b>
<b>Maximum aggregate size:</b> 0,1 mm	<b>organic resins</b>
<b>Granulometries:</b> +/- 80 µm	
<b>FINAL CHARACTERISTICS</b>	According to UNE- EN 13813 : 2003 Class: C33 F10 A22 B2
<b>Compressive strength after 28 days:</b> ≥35N/mm <sup>2</sup> . (UNE-EN 13892-2:2003)	
<b>Determination of the transmission rate if liquid water:</b> W2 (UNE-EN 13892-2:2003)	
<b>Flexural strength after 28 days:</b> ≥ 10N/mm <sup>2</sup> . (UNE-EN 13892-2:2003)	
<b>Adhesion resistance after 28 days:</b> 2 N/mm <sup>2</sup> (UNE-EN 13892-8: 2003)	
<b>Application thickness:</b> 1 mm per coat.	

## **MIXTURE PREPARATION:**

In a clean plastic container pour the material and add water up to the  $\pm 27\%$  for ClaudiCemento Fine Microcement, mixing and homogenising the product with mechanical stirrer at low speed (300-500 rpm) for at least 3 minutes, let stand for 10 minutes then stir for 2 minutes until a uniform mixture free of lumps.

Walls: add approx. 22% of clean water

Floors: add approx. 27% of clean water.

## **APPLICATION:**

- Apply one, two or three coats depending on the desired aesthetic finish, extending with a trowel flexibly spreading the product well to obtain a coating effect.
- Perform light sanding between the layers with fine sandpaper hand tools, 150-240 grams, in order to remove blemishes and promote adhesion between them, follow by vacuuming the surface. Allow 4-6hrs to dry before sanding.
- The grade of the paper should be selected and is variable depending on the needs required.

## **SPECIAL PRECAUTIONS:**

- This product contains cement. Avoid contact with eyes and skin and inhalation of dust. Use rubber gloves and protective goggles.
- Keep out of reach of children.
- Do not use the product at room temperature below 5 ° C or above 30.
- Empty containers should be disposed of in accordance with current legislation.

## **STORAGE CONDITIONS**

The storage time is 12 months if stored in a dry place protected place from weather elements.

**NOTE:** Instructions of use are given based on our testing and knowledge and do not imply any commitment. The responsibility is limited to the value of the used goods.

ClaudiCemento LTD reserves the right, if necessary, to vary any of the information without notice.