

## **ClaudiCemento Fine microcement Technical Sheet**

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

**ClaudiCemento Fine** microcement is a monocomponent coating based on cement, selected aggregates, correctors, dyes and synthetic resins.

### **PRODUCT CHARACTERISTICS**

- High resistance to abrasion
- Waterproof, fats and oils
- Mechanical resistance
- Stable against ultraviolet rays
- Thickness only 2-3 mm
- Easy to keep clean
- Flexible
- Anti-allergic
- Can be used in wet areas

### **APPLICATION AREAS**

Suitable for coating and decorate low traffic floors, walls and ceilings of commercial and residential areas, type: Shops, offices, restaurants, halls, exhibition areas, homes, theme parks, furniture, shelving, countertops and ceramic tile bathrooms and kitchens.

### **CONSUMPTION**

The coat thickness is approx.1 mm

Consumption is about 0.35 kg per coat.

size grain :  $\pm 0.1$  mm

### **PACKAGING**

Buckets 20 Kg

## TECHNICAL SEPCIFICATIONS

TYPE - Microcement	PRODUCT COMPOSITION
appearance: White Powder	
Apparent Density : Powder: 1.300 kg/m3.	cement
Solids content:100%	mineral fillers
<b>Open time:</b> 60 minutes. re-mix every 15 minutes.	corrections
<b>Maximum aggregate size:</b>	organic resins
FINO: 0,1 mm	
Mechanical Strength(EN 1015-11):	
Compression 28 days: $\geq 38\text{N/mm}^2$ .	
Fine Compression 28 days: $\geq 32\text{N/mm}^2$ .	
Fine flexion 28 days: $\geq 8\text{N/mm}^2$ .	
<b>Adhesion to concrete:</b> 28 days: 1,75 N/mm2.	
<b>Application thickness:</b> 1 mm per coat.	

**SURFACE PREPARATION:** The application base should be sturdy and cleaned, dry and free from brittle materials. Lightly dampen the surface. All surfaces must be primed with our Protector Primer.

### 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:

- 1) 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.
- 2) Perform light sanding between the layers with fine sandpaper hand tools, 150-240 grams, in order to remove blemishes and promote adhesion between them.
- 3) The grade of the paper should be selected and is variable depending on the needs required.
- 4) Varnishing of entire surface with Protector Primer is required, in order to ensure the impermeability and hardness of the product,

**SPECIAL PRECAUTIONS:**

This product contains cement. Avoid contact with skin and eyes and inhalation of dust. Wear rubber gloves and goggles.

Keep out of reach of children. Do not apply at temperature below 5 ° C or above 30 ° C. Empty containers must be disposed of in accordance with current legislation.

**STORAGE CONDITIONS**

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

**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.