

## CLAUDICEMENTO MIOROCEMENT BASE TECHNICAL SHEET

---

### ClaudiCemento Microcement BASE

---

ClaudiCemento Microcement Base gives strength to the entire ClaudiCemento system.

#### PRODUCT CHARACTERISTICS

- Maximum strength and highly resistant to dents and scratches
- Gives the strength to the entire system
- High resistance to abrasion
- High mechanical strength
- Stable against ultraviolet rays
- Suitable for floors with underfloor heating

#### AREAS OF APPLICATION

Can be used as a based coat as well as a final finish. Can be applied on floors, walls and ceilings of commercial and residential spaces, such: shops, offices, restaurants, halls, exhibition areas, homes, theme parks, furniture, shelving, countertops and ceramic tile bathrooms, kitchens, garages and warehouses industrial, internal and external applications.

#### CONSUMPTION

The approximate thickness of the system is 3- 4 mm .

Consumption per layer is approximately +/- 0.75 kg / m<sup>2</sup>.

#### PRESENTATION

Aggregate size: ± 0.6/0.8 mm

#### PACKAGING

Buckets of 24 KG

## TECHNICAL DATA

TYPE – Microcement BASE 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> 0,6/0,8 mm	<b>organic resins</b>
<b>Granulometries:</b> +/- 300 µm	
<b>FINAL CHARACTERISTICS</b>	According to UNE- EN 13813 : 2003 Class: C30 F7 A22 B2
<b>Compressive strength after 28 days:</b> ≥30N/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> ≥ 9 N/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.	

## INSTRUCTIONS:

The substrate needs to be sound, dry and free from any dust and oil. All surfaces need to be primed with our No1 Sealer. It is equally necessary to use our fiberglass mesh and **FIX ALL - on irregular substrate**, to avoid cracking due structural issues - movements, different levels of absorption or settlement joints stand.

## PREPARATION OF THE MIXTURE:

In a clean plastic container pour the material and add fresh water up to 30%, mix and homogenize the product with mechanical stirrer low speed (300-500 rpm) for at least 3 minutes, let stand about 10 minutes then stir for 2 minutes until smooth and lump-free mixture.

## APPLICATION:

Two coats of ClaudiCemento Base should be applied

- Start applying the first coat of ClaudiCemento Base mortar
- After 4-6 hours, depending of the weather environment, sand it with a sand paper number 60 -80 grade, after sanding remove all the dust
- Add pigment to the second coat - see "How to add a pigment to ClaudiCemento Microcement" section
- Apply the second coat of ClaudiCemento Base mortar
- After 4-6 hours, depending of the weather environment, sand it to make sure each coat is perfectly smooth, sand the last coat with sand paper number 60- 80 grade
- After sanding remove all the dust

In order to ensure waterproofing and product hardness, the entire surface should be varnished with a corresponding **Protector Dur Satin or MATT** or EPOXY recommended in wet rooms and outside areas).

## 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 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 quality of the goods supplied.

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