

CLAUDICEMENTO DECK MICROCEMENT TECHNICAL SHEET

ClaudiCemento Microcement DECK

ClaudiCemento Microcement DECK - seamless coating, high impact resistance.

ClaudiCemento microcement DECK gives a maximum strength and extreme hardness that make it an ideal product for use both indoors and outdoors, garages, porches, high traffic commercial, industrial buildings, offices, shops, warehouses, restaurants, outside areas.

ClaudiCemento microcement DECK is formulated from cement, selected aggregates, dyes and resins. Once mixed and applied on walls, floor, objects, furniture it results in a coating of mortar of 3 - 4 mm thickness (depending the surface) of great originality and beauty. ClauduCemento DECK microcement is ideal for coating new concrete surfaces, old, cement mortar and ceramics of any kind. Both horizontal and vertical.

PRODUCT CHARACTERISTICS

- Maximum strength and highly resistant to dents and scratches
- Much like ClauduCemento Fine finish but with high resistance characteristics that makes its unique appearance
- High resistance to abrasion
- High mechanical strength
- Stable against ultraviolet rays
- Suitable for floors with underfloor heating
- Can be used in wet areas such as wet rooms

AREAS OF APPLICATION

Suitable for coating and decorate walls and ceilings of commercial and residential spaces, type: 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 + 0.46 kg / m².

PRESENTATION

Aggregate size: ± 0.6 mm

PACKAGING

Buckets of 23 KG and 20KG

TECHNICAL DATA

TYPE – Microcement DECK mono-component	PRODUCT COMPOSITION
Appearance: White Powder	
Apparent Density : Powder: +/- 800 kg/m ³ . Paste: +/- 1.300 kg/m ³	cement
Solids content: 100%	mineral fillers
Use time: +/- 60 minutes. re-mix every 15 minutes.	corrections
Maximum aggregate size: 0, mm	organic resins
Granulometries: +/- 300 µm	
FINAL CHARACTERISTICS	According to UNE- EN 13813 : 2003 Class: C30 F7 A22 B2
Compressive strength after 28 days: ≥30N/mm ² . (UNE-EN 13892-2:2003)	
Determination of the transmission rate if liquid water: W2 (UNE-EN 13892-2:2003)	
Flexural strength after 28 days: ≥ 9 N/mm ² . (UNE-EN 13892-2:2003)	
Adhesion resistance after 28 days: 2 N/mm ² (UNE-EN 13892-8: 2003)	
Application thickness: 1 mm per coat.	

MIXTURE PREPARATION:

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:

- Mix ClaudiCemento Deck microcement with water at 30 % approximately ((add pigment to the desired amount of water, one bottle of pigment per one bucket), mix it slowly in a clean bucket until you get a homogenous paste with no lumps - (use a mixer 300 to 500 rpm), mix it for 3 minutes, let it rest for 10 minutes and mix again for 2 minutes
- Apply first coat of ClaudiCemento microcement Deck (if application takes place in high temperature, slightly moisten the surface of the substrate before application).
- Sand the ClaudiCemento microcement Deck with a sandpaper 60 - 80 grade to remove any imperfections, follow by vacuuming the surface
- Apply a second coat of ClaudiCemento microcement Deck , allow 4-6hr to dry, when dry sand it with 120 – 200 grade sand paper and vacuum again
- If we want to achieve a rough/coarse finish - the unique formula ClaudiCemento DECK microcement enables us to install it without having to sand the surface between the layers, even as a finishing coat.

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.