



## MONACRETE microcement Base

### Description:



MONACRETE Base Designed for surface preparation before applying finishing microcements ( MONACRETE Fine Gr-General Prof, Dor). It has the consistency of a white powder that when mixed with water gives a product ductile, ready to apply with leveling trowel.; Although it is not self-leveling, it can be easily expanded. Once applied it creates a coating between 1 and 4 mm thick, continuous, high mechanical resistance, without retractions and strong adhesions on any type of support: concrete, mortar, cement.

### Properties:

- Applied in thicknesses of 1 and 4mm
- High toughness
- Excellent adhesion on multiple substrates
- Can be protected with varnishes and paints
- Do not crack
- Continuous decorative coating without fissures (always respect the expansion joints).
- Applicable on countless surfaces: concrete, cement, ceramic, plasterboard, etc.
- Excellent workability.
- Anti-slip
- Waterproof

### Application:

#### a.Mix:

20 kg of the MONACRETE Base is mixed with 6 kg of Water (30%). The mixture must be made by means of a mixer for at least 2 minutes, until a homogeneous mixture is obtained without lumps. If you want to improve the fluidity in order to easily application, you can add a little more water, until kg (35%), avoiding an excess that can damage the properties of the product The mixture can be used for 60-90 min at a temperature between +18 ° and + 25 ° C. The lower temperature these times elongate and the higher temperatures reduce it. After kneading, mix the mixture in small quantities directly onto the substrate to subsequently add the product with a thin layer leveling trowel.

## b. Application layers:

Apply one or two layers of **MONACRETE Base** with a steel trowel depending on the type of surface. On floors always apply two layers and use the flexible fibreglass mesh. Before applying a new layer, the previous one needs to be sanded with a random orbital sander and with a40-grit sandpaper to remove irregularities. (If you work with several layers, the next will apply after 60 minutes and a maximum of 24 hr.)

## c. Finishing or setting coat:

The application can be finished with a third coat of **MONACRETE Base** using the "fresh on fresh" technique. "Fresh on Fresh" **MONACRETE Base** can be applied with the "fresh on fresh" technique by in-stalling the third coat as soon as the second one is tack-free (non-sticky to the touch). No sanding is required for the second layer of **MONACRETE Base** when using this technique. Should you find burrs or bumps, smooth them out with a spatula and cut the rough edges. Work on an extruded polystyrene board to apply the following layer.

## Technical feachures

Type:	base
Appearance:	White powder
Maximum size of the aggregates:	0.3 mm
Compressive strength:	28 days: $\geq 45 \text{ N/mm}^2$
Density:	In powder – 11 $\approx 550 \text{ kg/m}^3$
Drying time:	72 Hr.
Pot life:	360 min at 25 °C
pH range (1 day) :	12 pH

## Warning:

- Keep on dry place and closed in original container.
- Protect temperature: Between 10 °C to 30 °C (Temperature can change the pot life).
- Use gloves and glasses.
- Avoid contact with skin or eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, wash thoroughly with soap and water.
- Do not eat.
- Out of reach of children.

The product should not be used for purposes other than those specified without first having instructions in writing.

It is always the user's responsibility to take suitable measures in order to comply with the requirements established in local legislation.

Product safety sheets are available for professionals. This technical data sheet will be valid until a new edition appears.

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