

MICROCEMENT COATING



PRODUCT DESCRIPTION

MicroCement is a high-quality cementitious coating, composed of calcium cements and fine marble sand, to which certain additives are added to give it its great physical-chemical properties and aesthetic finish. One of the biggest advantages to using this material is definitely the fact that it offers limitless applications over variety of surfaces as it is only 2-3mm thick. MicroCement has a fine texture, is smooth to the touch and does not require any type of expansion joint, thus achieving totally continuous spaces.

APPLICATIONS & BENEFITS

- Used on existing tiles and variety of surfaces
- Perfect for plastered walls and ceilings both outside and inside
- Internal/external floors, stairwells and steps
- Suitable for bathrooms and kitchens, counter-tops, furniture & doors
- Suitable for underfloor heating
- Thin layer that's easy to clean
- Provides a seamless finish with no expansion gaps and a minimalist design
- Low maintenance and a great substitute for traditional materials
- Highly resistant to UV Rays
- Quick to apply, and suitable for high foot traffic areas in commercial or domestic settings
- Allows for on-site concrete renovation without the need for heavy construction work



NBS Source
PARTNER



TECHNICAL INFORMATION

SYSTEM COMPOSITION

The complete MICROCEMENT system consists of:

- 1st layer of LC Base with fiber glass mesh and 2nd layer of LC Base
- 1st and 2nd layers of Microcement
- 3 to 4 layers of WB PU Sealer (depending on the type of surface)

Components, Presentation and Yields*

Base powder – 25 kg Bucket

Cons. : 2kg / sqm

Fiber Glass mesh 80 gr/m² – 50 m Roll

Cons. : 1sqm / sqm

Premium Concentrated Liquid – 20 L Bucket

Cons. : 1 L / sqm

Microcement powder (color) – 20 kg Bucket

Cons. : 1kg / sqm

Protection: WBPU Sealer Matt or Satin – Kit of 6 L (5+1)

Cons. : 0,22 L / sqm

Or

TOPSB PU Sealer Satin – Kit of 5 L (3,75+1,25)

Cons.: 0,15 L / sqm

*approx. Consumption according to our installation experiences of the last 10 years

TECHNICAL DATA

Its hardening process is progressive; therefore, it will acquire its maximum hardness after 28 to 30 days from its installation completion.

-Density: 1.8 –2.0 kg/dm

-PH: 12

-Adhesion: 8.5 kg/ cm

-Compression at 28 days: 18 N/mm

-Hardness: 140 Shore C units after 30 days

-Water vapor permeability Sd= 0.30 m (Künzel)

THICKNESS

– Between 2 – 3 mm

SUBBASE

- It should be secure and free of moisture
- There can be no rising or negative humidity
- There should be no cracks

INSTALLATION SUBSTRATE

Tarcus Microcement can be placed on top of the following types of supports, among others:

- **Smoothed concrete, concrete and cement:** they must not break or present cracks.
- **Tiles, ceramics and mosaics:** they must be firmly pasted to the concrete/substrate. There should be no unevenness greater than two millimeters between tiles.
- **Cement or lime plasters:** they must not chip, they must not have cracks and should have a fine texture.
- **Plasters and plasterboard:** may need a primer. If they are painted, the paint must be firmly attached to the plaster, otherwise it must be sanded before proceeding.
- **Wood:** it can be placed on wooden boards (MDF types), with previous treatment of the joints between plates. It cannot be applied on parquet or natural wood pieces.

STORAGE

- Store in a dry, cool place in original closed containers

SHELF LIFE

- 1 year for liquid parts
- 2 years for powders
- 1 year for the Sealer and 6 months for its Hardener

CLEANING & MAINTENANCE

- Clean with water and neutral PH detergent
- Do not use abrasive or corrosive products to clean stains
- Prolonged contact with corrosive or alkaline liquids can cause permanent damage
- Clean up standing water or spills before they dry
- Thoroughly clean before sealing or waxing
- Apply wax periodically (measure depending on use)
- Use rubber protection for furniture and chair
- For outdoor apply sealant periodically depending on usage
- Remove wax and apply new wax (annually according to the aspect)
- Do not apply wax on bathroom or outdoor floors
- For countertops and furniture use silicone maintainers

AVAILABLE COLOURS

The colours in our colour selection chart are for reference use only and are as close as possible to the original colours.



01-white	02-misty-white	03-ivory	04-coconut	05-pollen-yellow	06-ochre	07-sahara	08-sand
09-caribbean-sand	10-versatile-grey	11-chocolate	12-texan	13-hazelnut	14-terracotta	15-plum	16-victorian-pink
17-natural-pink	18-navy-grey	19-royal-blue	20-sky	21-willow	22-jade	23-alpine-green	24-autumn-green
25-silver	26-cement-grey	27-steel-grey	28-lead-grey	29-grey	30-tempest-grey	31-mist	