

MICROCONCRETE COATING



PRODUCT DESCRIPTION

MicroConcrete is a high-quality self-levelling cementitious coating 2-4mm thick. It is slightly thicker than MicroCement as it's made for tougher conditions. Our clients have employed MicroConcrete in a wide array of commercial spaces like showrooms, offices, retail and hospitality ventures. It's easy to apply to both exterior and interior surfaces without any need for brakes or joins. You can also apply it over existing surfaces, and it is low maintenance, making it a state-of-the-art, cutting-edge solution.

APPLICATIONS & BENEFITS

- Easy to apply over variety of surfaces such as ceramic, porcelain, marble, tiles, concrete, mortar & plaster
- Looks like polished concrete without the thickness
- Suitable for any location in commercial or domestic properties where there will be high traffic
- Designed primarily to be used on floors, but suitable for walls too
- Low thickness, low maintenance and resistant to UV rays
- Great resistance to attrition due to abrasion and compression – perfect for high traffic areas
- Suitable for under-floor heating
- Provides a seamless finish (no need for expansion gaps)
- Easy to customize without the need for construction work
- A higher slip resistance than MicroCement



NBS Source
PARTNER



TECHNICAL INFORMATION

SYSTEM COMPOSITION

The complete MICROCONCRETE system consists of:

- 1st layer of LC Base with fiber glass mesh and 2nd layer of LC Base
- 1st and 2nd layers of Microconcrete
- 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

Microconcrete powder (color) – 25 kg Bucket

Cons. : 1.3kg / sqm

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

Cons. : 0,25 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.

Tests/CertificatesUNE-EN:13813-2014:

–SurfaceHardness,UNE-EN13892-6:2003→120N/mm

–Impactresistance,UNE-ENISO6272:20123→>14.7Nm

Drop height at which the first cracks are observed, and diameter produced at this height: At 1500mm WITHOUT defects. Crater diameter: 10.2mm.

–Resistancetoadherence,UNE-EN13892-8:2003→1.2Mpa

– Resistance to wear BCA, UNE-EN 13501-1:2018 40 µm (AR0,5)

– Fire Resistance, (Floor) UNE-EN 13892-4:2003 Bfl-s1

– (Wall) UNE-EN 13501- 1:2019 B-s1,d0

THICKNESS

– Between 2 – 4 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	