



CEM-BETON MICRO TOP

LUXURY CONCRETE FINISHES

Description

CEM-BETON MICRO TOP is an innovative system especially engineered for creating decorative wall and floor cement seamless finishes. It is a perfect solution for those who want seamless, innovative, rustic and tactile surfaces with a unique look. Having only 3 mm thickness it allows you to renovate existing surfaces on different substrates without removing them.

Areas of Application

- Living Rooms
- Bed Rooms
- Patios
- Kitchens
- Bathrooms
- Vertical and horizontal surfaces
- Swimming pool decks, Pergolas etc.

Features & Benefits

- **Concrete Effect:** When CEM-BETON MICRO TOP is applied to substrates like tiles, wood, stones or plastered surfaces it gives a seamless concrete surface.
- **Versatility:** While it is commonly understood that micro-topping is used to liven up old, worn and cracked concrete surfaces, it is an extremely versatile substance which can be used on a variety of substrates like porcelain, ceramic vitrified tiles, stones, gypsum and wood. It can be tinted to add colour.
- **Design Variety:** There are infinite possible combinations with CEM-BETON MICRO TOP. Due to endless variety of colours and surface textures. It gives more naturalness and elegance to the surface.
- **Durability:** While micro-topping is used to add design appeal to a highly durable flooring system, the real performance of the floor comes from the sealer also known as clear protective coating which is applied on the top in layers. It provides durability, abrasion resistance and stain resistance. It has a superior performance.
- **Easy Maintenance:** You can easily maintain it with water, mop and a pH neutral cleaner. As with most flooring, regular and routine cleaning is recommended.
- **Easy Aesthetic changes:** Anyone with a creative mind who wants to change the colour of the micro top after the work to completed, can do it by sanding the existing surface and applying a new layer.

Method of Application

Wall Application

1 Surface Preparation

- The substrate needs to be structurally sound and free from grease, oil, wax, wall paper glue, dust and loose particles.
- Remove the loose and defective paint and fill the cracks if any.
- The wall shall be filled so that a seamless, smooth and flat surface is achieved.



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2 Primer Application

- The porous and absorbent surface or friable surface needs to be applied with an acrylic based primer so as to provide an ideal grip between the substrate and the subsequent finishes.

3 Application of Base Coat

- Mix the ingredients of the CEM-BETON MICRO TOP base coat and the liquid polymer in a clean container using a mechanical hand mixer to achieve a lump free, homogeneous mixture of workable plaster consistency. Do not mix it manually.
- Apply two coats of CEM-BETON base coat using a trowel gently on the wall surface (let surface dry between coats).

4 Sanding of surface for texture

- Once the surface is totally dry, sand the surface using sanding paper.
- Remove all the dust from the surface.

5 Application of Top Coat

- Mix the ingredients of the CEM-BETON MICRO TOP top coat and the liquid polymer in a clean container using a mechanical hand mixer to achieve a lump free, homogeneous mixture of workable plaster consistency. Do not mix it manually.
- Apply two coats of CEM-BETON MICRO TOP, coat using a trowel on the wall surface (let surface dry between coats).

6 Sealer Application

- For Matt Finish: Apply a coat of sealer with roller and polish the surface using a polishing machine.
- For Glossy Finish: Apply a coat of sealer with roller and polish the surface using a hand polishing machine. Apply a second coat of sealer using a roller.
- For High Gloss Finish: Apply a coat of Clear PU sealer with roller and polish the surface using a polishing machine.

Technical Information

S.No.	Properties	Results
1	Binder	White/Beige/All Grey Shades.
2	Appearance	Water Based.
3	Working life	3 hours at 25° C 80% relative humidity.
4	Open to traffic	In 24 hours for light traffic.
5	Fill cure	In 72 hours depending on weather conditions.
6	Finish Type	Mat/Glossy/High Gloss finish.



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Technical Information

S.No.	Test	Results	Test Method
1	Bulk Density (g/cc)	1.52	IS:33-1982
2	Compressive Strength (Mpa)		
a)	At 3 days	16.80	
b)	At 7 days	20.00	ASTM C/109-13
c)	At 28 days	24.40	
3	Mohr's Hardness	3	IS:13630-2019 (Guideline)
4	Impact Value (Kg-M)	0.65	ASTM D2794/93 (Guideline)
5	Coefficient of Friction	0.60	ASTM C1028 (Guideline)

Theoretical Coverage

10 Sft/kg/coat.

Storage

Store in a cool dry condition with temperatures ranging from +5 to 30 degree Celsius.

Packaging

20 Kg Kit.

Shelf Life

12 months from date of production, if stored properly in unopened sealed packaging.

Health & Safety Precautions

- CEM-BETON MICRO TOP contains Portland cement and is therefore alkaline when in contact with water.
- Prolonged contact with the skin should be avoided.
- Any eye contamination should be washed immediately with plenty of clean water and medical advice sought.
- CEM-BETON MICRO TOP is not flammable.

Other Products available

Tile Fix Mortar | Tile Grouts | Block Joining Mortar | Readymix Plaster | Ruff Tuff Textures | Industrial Grade Hardener | Decorative Colour Hardener | Neutral & Colour release | Sealers | Epoxy Resins | Concrete Admixtures | Paints & Allied Products



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