



## Features

This is a cementitious decorative surface coating applied in 2-3 layers and with total thickness of the system not exceeding 2-3 mm. The surface is typically finished off by sanding or abrasive brushing and then sealing.

Available in numerous base colours options, the FreeForm MicroCement is ideal for renovation applications where a quick turnaround time and minimal damages to existing property are crucial. They are also suitable for seamless surfaces with concrete finish.

### Key features include:



Thin Layer Application  
Environment friendly



Seamless Application  
No joints



Quick Application  
Fast completion of project



Lower Dimensional Shrinkage  
Fewer cracks in concrete



High Adhesion to Substrate  
Less peeling off | High bonding



Extensively Tested at Factory  
Quality assured



Low Requirement of Curing  
Less supervision required at site



Water Repellence  
Moisture ingress & stain protection

## Application

Suitable for residential, commercial, indoor & outdoor floors, walls, stairs, counter tops, furniture.

Please specify and confirm application before ordering.

Custom modified products are also suitable and recommended for swimming pools, water bodies etc.

## Appearance

Supplied in two components

Part A- Mortar powder Part B- Concentrated liquid

## Specifications

Max. Aggregate Size	Compressive Strength
0.5 mm	>30 N/mm <sup>2</sup>
Flexure Strength	Bulk Density
>9 N/mm <sup>2</sup>	~1100 kg/m <sup>3</sup>
Dry Density	Output/Coverage
~1600 kg/m <sup>3</sup>	~3-4 kg/m <sup>2</sup>

## Water Requirement

14%

## Work Time

Minimum of 30 minutes. Will be less when ambient temperatures exceed 28 °C or humidity is less than 50%

## Application Thickness

2 to 3 mm

## Base Surface Preparation

The concrete base or other surface must be clean, free of dust and grease.

The base must be consistent, without loose particles and disaggregation.

Damp the surface with potable water and apply the primer to damp surface. If steel is exposed, do not damp the reinforcement steel. The foundation should have a minimum tensile strength of 1.5 Mpa.

The base must be visually dry. Cracks in the base should be repaired. Weak bases must be removed or

restored. The foundation should be ground or blasted and then aspirated.

Use suitable FreeForm Primer.

After drying of the primer, the surface should be vacuumed to remove loose sand particles if any.

Foam, special tapes or other flexible separators should be used to avoid direct contact with the FF MicroCement material.

### Application/Installation Method

Please refer to separate sheet for guidance on application method.

### Curing

Cover with plastic as soon as laid concrete starts to harden and will not leave marks from the covering. In case of extreme hot and windy climate, slight mist spraying of water may be recommended to prevent excess drying out. Leave plastic covered for about 16 to 24 hours.

### Grinding/Other Finish

Possible to do sanded, matt, leather/curled finish, densification, and sealer protection. Impregnating sealers are recommended. Please ask for information.

### After Protection

Adequate care should be taken to cover the flooring in a dust free yet breathable manner- from works of all other trades. Staining must be prevented till floor is put to use.

### Open to Traffic

Can be opened to foot traffic 1-2 days after completion of all work items. Avoid dirtying the surface while work is in progress.

### Shelf Life

3 months from date of packing before opening. Use within few hours of opening. Store carefully away from dampness and moisture.

### Precautions

Material should be stored away from water. Use materials from different packs to reduce chance of any shade variation. Keep WC ratio and Curing conditions consistent to reduce chances of shade variation.

### Applicable Standards

EN 13813 Screed material and floor screeds - Screed material - Properties and requirements

### Technical Support

☎ 9374001415

✉ support@freeformbyyara.in

#### Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Hairline crack formation or deformation by shrinkage on principle cannot be excluded with the offered system and thus are not considered as technical defect. Coloured products are exclusively produced from natural raw materials. Thus, colour deviations cannot be excluded. The printed colour may deviate from the original colour shade. Test areas are strongly recommended before usage/execution in larger areas.

#### Health Precautions

This product contains cement and has an alkaline reaction with moisture/water. Adequately protect hands and eyes. In case of contact with eyes consult doctor immediately.

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