



Features

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

Available in numerous base colours options, the FreeForm MicroCement Wall is ideal for renovation applications where a quick turnaround time and minimal damages to existing property are crucial. It makes surfaces and finishes possible which are not ordinarily possible with paints.

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 walls, stairs, counter tops, furniture and water bodies. Please specify and confirm application before ordering.

FF MicroCement wall is also suitable and recommended for swimming pools, water bodies etc. with additional precautions.

Appearance

Supplied as single component dry powder.

Specifications

Max. Aggregate Size	Compressive Strength
0.5 mm	>15 N/mm ²
Flexure Strength	Bulk Density
>7 N/mm ²	~1100 kg/m ³
Dry Density	Output/Coverage
~1500 kg/m ³	~3 kg/m ²
Water Requirement	
22%	
Work Time	
Minimum of 30 minutes. Will be less when ambient temperatures exceed 28 °C or humidity is less than 50%	

Application Thickness

1.5 to 2 mm

Base Surface Preparation

Smooth 'Mala' Plaster or even preferably, skim coat (putty finished) surface is required as a base. If there is existing paint on the wall, it must be suitably removed either by water jet or by thorough scraping. Flaky paint or any substance will prevent the next layer from making a proper bond. Where required, adequate waterproofing of the surface must be adequately carried out. The surface should be dry, clean and smooth.

Use suitable FreeForm Primer.

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.

Grinding/Other Finish

Possible to do sanded, matt, leather/curled finish, antique finish and to be finished with sealer for protection. Please ask for information on suitable sealer.

After Protection

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

Packing

25 kg bags

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 998: Specification for mortar for masonry - Part 1: rendering and plastering mortar

Technical Support

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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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