



## Features

Terrazzo NS V is a polymer modified Cementitious Terrazzo material, suitable for walls and others vertical surfaces. It is generally applied in a maximum of 8-10 mm thickness and can be finished off in matt or high gloss finish in the grinding and polishing operation.

Available in bespoke base colours and numerous aggregate options, the FreeForm Terrazzo wall coating offers several technically enhanced properties over the conventional cementitious Terrazzo.

### Key features include:



Slight Flexibility in Material  
Less cracks | Large panel sizes



Lower Dimensional Shrinkage  
Fewer cracks in concrete



Thin Layer Application  
Environment friendly



High Adhesion to Substrate  
Less peeling off | High bonding



Extensively Tested at Factory  
Quality assured



High Workability  
Fast completion of project



Low Requirement of Curing  
Less supervision required at site



Water Repellence  
Moisture ingress & stain protection



High Consistency of Material  
Peace of mind



No Contamination  
Better performance

As a result of these properties, high technical as well as visual characteristics, with less pinholes, great natural looks, and long lifetime for the walls are achieved.

## Application

Walls and vertical surfaces of interiors as well as exteriors. Suitable for counters, seating, landscape features, treads and risers, etc.

## Appearance

Supplied in two components

Part A- Mortar powder Part B- Clean and dry aggregates

## Specifications

Max. Aggregate Size	Compressive Strength
2–8 mm or as per request	>30 N/mm <sup>2</sup>
Flexure Strength	Bulk Density
>6.5 N/mm <sup>2</sup>	~1725 kg/m <sup>3</sup>
Wet Density	Output/Coverage
~2200 kg/m <sup>3</sup>	~2.3 kg /mm/m <sup>2</sup>

### Water Requirement

12 to 15% of total weight of the combined material. Care should be taken to make a trial patch and check the exact water requirement- which can vary as result of the ambient weather conditions. The water content established should be maintained throughout the operations.

### Work Time

Minimum of 20-30 minutes. Will be less when ambient temperatures exceed 28 °C or humidity is less than 50%.

### Application Thickness

We recommend 8-10 mm thickness for the walls, depending on the size of the aggregates.

### Base Surface Preparation

The base wall surface should ideally be a rough combed plaster, clean and free of undue efflorescence, dust or any other material that may restrict adhesion. Any water proofing if required should be completed first. Any continuous source of water will leave the finish looking imperfect. The base must be consistent, without loose particles and disaggregation. Use suitable Freeform Primer if required.

### Application/Installation Method

Please refer to separate sheet for guidance on application method.

As the application is for vertical application, it is to be kept in mind that the polishing process is laborious and will not be as even as polishing on the floor

### 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 at a minimum.

### Grinding/Other Finish

Possible to do regular grinding, mirror polished grinding, 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 walls in a dust free yet breathable manner—from works of all other trades. Staining must be prevented till floor is used.

### Packing

Part A- 25 kg bag and Part B- 32.5 kg bag  
Mix 1 bag of part A to 1 bag of part B

### 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 998-1 Specification for mortar for masonry - Part 1: Rendering and plastering mortar

### Technical Support

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✉ support@freeformbyvyara.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.

**Cementitious and Epoxy Floors | Wall Finishes | Tile Adhesives | Base Materials | Sealers | DIY**