

FREEFORM[®]
ARCHITECTURAL PREMIXES

TERRAZZO BY FREEFORM



FreeForm offers one of the finest bouquets of Terrazzo products that you will find anywhere.

Options of Epoxy and Polyacrylate (premium cement based) terrazzo are available. Materials suitable for use indoors, outdoors, for floors or walls, for wet areas, can be recommended based on site specific suitability.

Systems can be selected with priority to the natural feel or with priority to the technical characteristics based on intended application.

Finishes like honed, mirror polish, or coated for protection with a variety of options are possible.

A variety of aggregate options like natural stones, recycled imported marble, recycled colour glass and mirrors, mother of pearl etc. allow for a wide range of options to enhance the design milieu.

More than 80 colours are offered from the company masters, and it is also possible to offer RAL shades.

FreeForm offers solid support for the laying and finishing of your floors in terms of a full range of supporting products such as primers, self leveling underlayment (rapid/normal Setting), screeds, Argf nets etc..

Company approved applicators can be employed for installation and finishing of the floors.

Terrazzo floors are now possible in large panels with sizes up to 3000 mm x 3000 mm.

Each of the floors are unique and customised as per requirement. We are happy to offer materials, and in some cases agencies, for the construction and finishing of in-situ concrete floors.

Other Recommended Products

The use of following other products by FreeForm are recommended for best results:

- **Base Materials:** FF Dry Screed | SLU—Self levelling underlayment | Suitable FreeForm Primer
- **Seal and Protect:** FF Terrazzo Grout | FF Densifier | ClearSeal | AcrySeal | PU Seal

EPOXY TERRAZZO

The Ultimate Seamless Decorative Flooring



Epoxy Terrazzo represents the final frontier in technical quality for terrazzo floors. The high strength and flexibility of the epoxy materials enables virtually crack free seamless floorings. Add to it, the water and chemical resistance, colorability and polishability of the surface, all make it an instant winner with all designers and users.

The Epoxy Terrazzo by FreeForm embodies all the characteristics of a high value flooring material and is available in a large variety colours and natural as well as glass aggregates, giving a myriad of design possibilities.

Epoxy Terrazzo floor screed is supplied in two parts, i.e., resin and hardener, and optionally with a variety of fillers and aggregates.

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 assurance for you
- High Workability
Fast completion of project
- No Requirement of Curing
Less supervision required at site
- Water Repellence
Moisture ingress & stain protection
- High Consistency of Material
Peace of mind

Application

Epoxy Terrazzo is preferred where a seamless decorative floor and fast turnaround times are required like in hospitals, schools, government and public buildings, showrooms, department stores, airport terminals, hotel receptions etc.

Specifications

Max. Aggregate Size	Compressive Strength	
2-8 mm or as per request	>75 N/mm ²	
Flexure Strength	Water Absorption	Wet Density
>35 N/mm ²	<0.2%	~2000 kg/m ³



Epoxy Terrazzo Catalogue



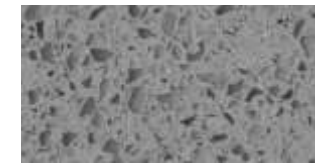
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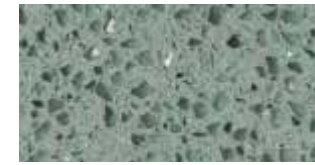
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ET003



ET004



ET005



ET006



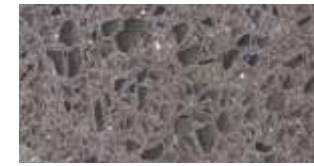
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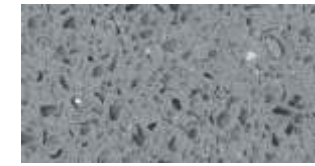
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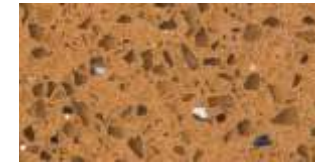
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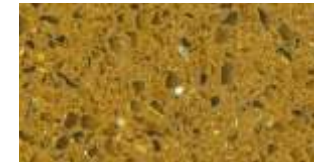
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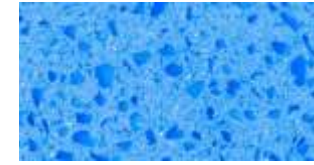
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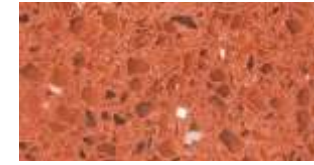
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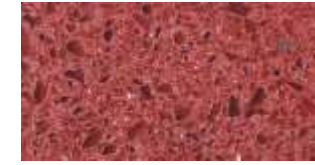
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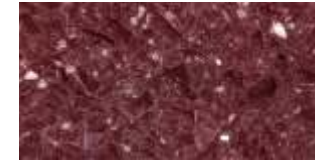
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ET019



ET020



ET021



ET022



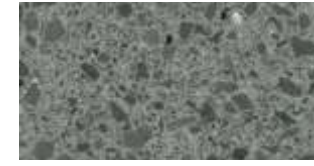
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ET024



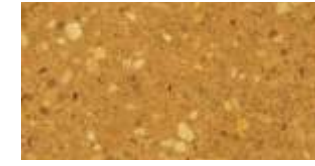
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ET027



ET028



ET029



ET030



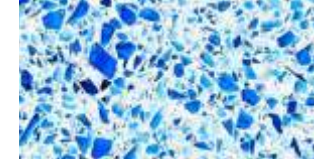
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ET032



ET033



ET034



ET035



ET036

POLYACRYLATE TERRAZZO

Cementitious Terrazzo Floors












The Polyacrylate Terrazzo by FreeForm is a cementitious decorative dry mix material for floors which can be finished off in matt or high gloss finish.

An ancient method of flooring, in situ floors are designed and constructed as unique floors. Even with their playful imperfections, laid-on-site cement terrazzo floors are an epitome of design and context in floorings.

Improved quality of supporting chemicals like admixtures, fibers and sealants, now make cementitious terrazzo floors more practical than ever before.

Available in bespoke basecolours and numerous aggregate options, the FreeForm Polyacrylate Terrazzo screed offers several technically enhanced properties over the conventional cementitious floors.

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 assurance for you
-  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

As a result of these characteristics, one can expect high technical as well as visual characteristics, with less pinholes, great natural looks and long lifetime for the flooring.



Application

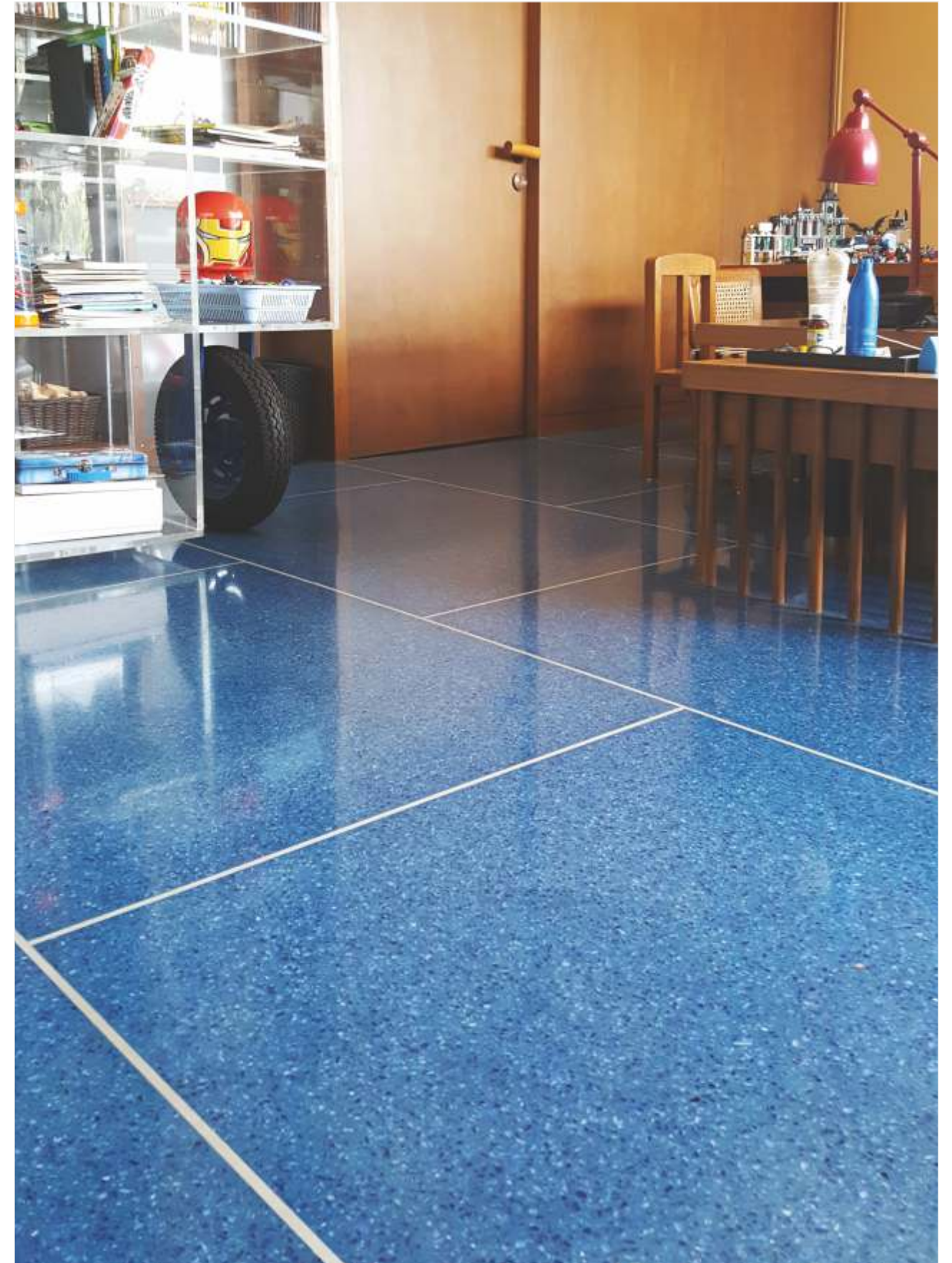
Residential floors, commercial and public spaces. If heavy wear is expected on the floor, the same must be specified during the selection process so that the ingredients can be suitably selected.

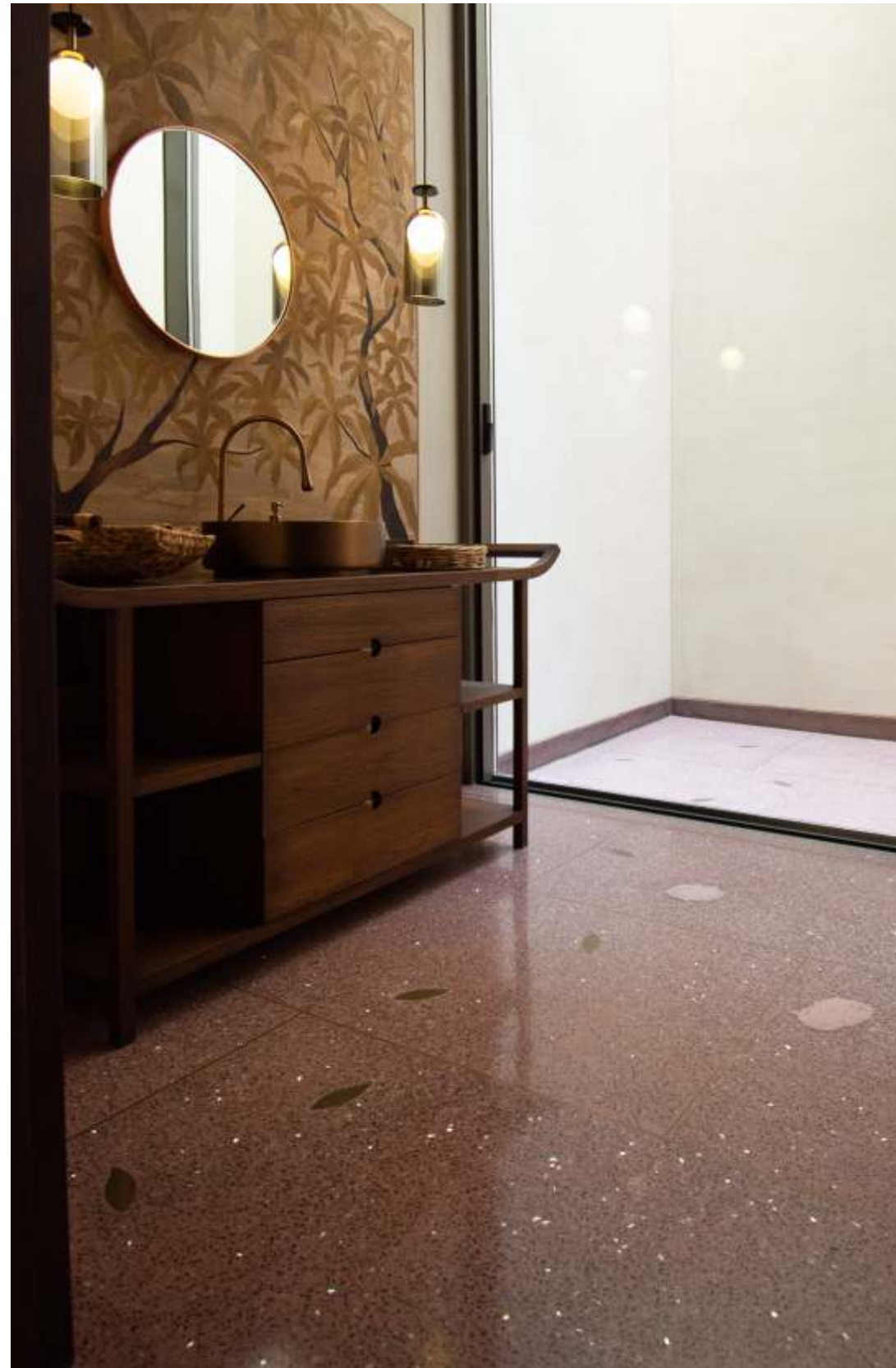
Finishes

The Terrazzo surface can be finished with mirror polish or brushed (antique) finish and then sealed.

Specifications

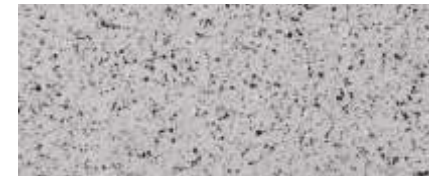
Max. Aggregate Size	Compressive Strength
2-10 mm or as per request	>45 N/mm ²
Flexure Strength	Bulk Density
>6.5 N/mm ²	~1725 kg/m ³
Wet Density	Output/Coverage
~2200 kg/m ³	~2.3 kg /mm/m ²



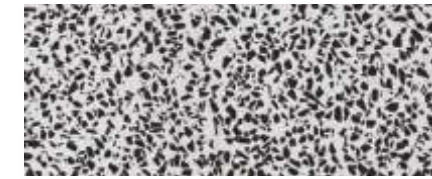


Flooring

Polyacrylate Terrazzo Catalogue



T01



T02



T03



T04



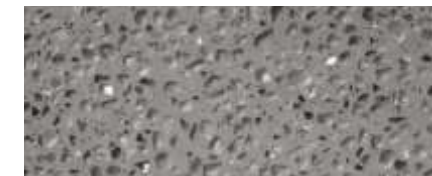
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T06



T07



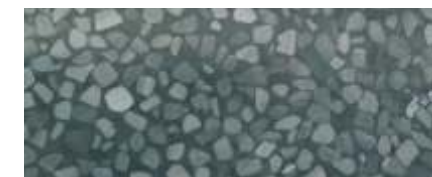
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T09



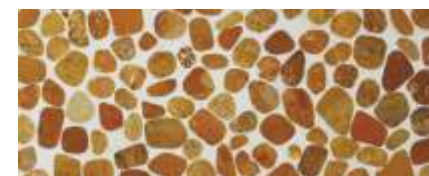
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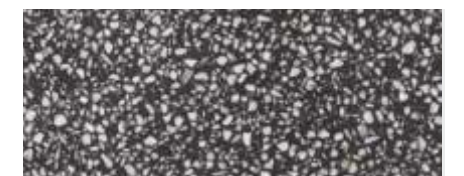
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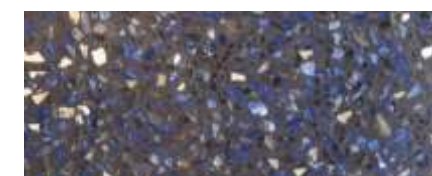
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T15



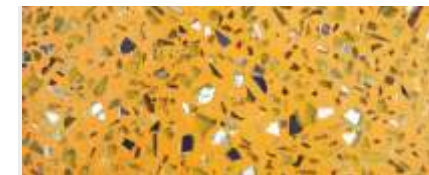
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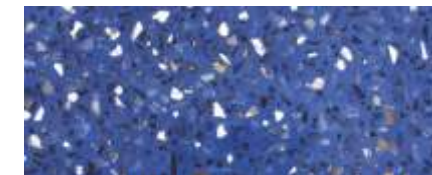
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T18



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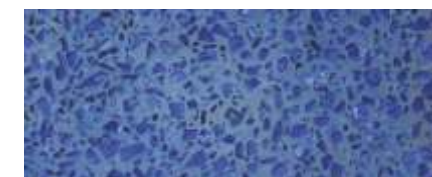
T20



T21



T22



T23



T24

Flooring

FF MICROCEMENT

Micro Toppings for Floor



MicroCement by FreeForm is a decorative surface coating system applied in 2-3 layers and with total thickness of the system typically not exceeding 2-3 mm.

MicroCement finishes for flooring are becoming a fashion statement these days with their seamless character. They offer variegation in texture and shades which ordinary materials cannot possibly match.

The material itself is highly resilient while maintaining a most natural cementitious feel. It can also be wrapped on to the walls to give a monochromatic clean box feel.

Available in numerous base colours options, the FF MicroCement is also ideal for renovation applications where a quick turnaround time is required and in restoration projects where the use of heavy machinery is not feasible.

FF MicroCement helps to immensely reduce carbon footprint and environmental impact, as little or no demolition is needed to use the material.

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
Quality assured
-  Low Requirement of Curing
Less supervision required at site
-  Water Repellence
Moisture ingress & stain protection
-  Peace of Mind
More value for money

Application

Suitable for residential, commercial, indoor and outdoors floors. It is also suitable for renovation projects as a top coat over the existing surface in most cases. A variant can also be provided for use in water bodies.



Specifications

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

Other Recommended Products

The use of following other products by FreeForm are recommended for best results:

- **Waterproofing:** FF ARGF Net
- **Base Materials:** FF Dry Screed | SLU—Self levelling underlayment | Suitable FreeForm Primer
- **Seal and Protect:** AcrySeal | ClearSeal | PU Seal

FF MicroCement Catalogue

*Over 30 shades available



HARDTOP

Wear Resistant Concrete Floor Topping










Interior, Exterior, Basement and Industrial Flooring



HardTop is a natural wear resistant aggregate based, ready-to-use dry shake hardener. It is a combination of factory premixed assorted hardening particles, additives, cement and colouring pigments.

The material is designed for increasing the abrasion resistance and imparting aesthetic characteristics to the freshly laid monolith concrete floors.

Key features include:

-  **Wear Resistance**
Durable floors
-  **High Strength**
High durability | Low maintenance cost
-  **High Bonding**
Better adhesion
-  **Lower Dimensional Shrinkage**
Fewer cracks in concrete
-  **Water Repellence**
Moisture ingress & stain protection
-  **Extensively Tested**
Quality assured
-  **High Adhesion to Substrate**
Less peeling off | High bonding
-  **Low Requirement of Curing**
Less supervision required at site
-  **Easy to Clean**
Better looking surfaces

The FreeForm HardTop material is available in customizable colour options. All materials are non-oxidizing. Other options with extreme wear resistance are also available.

Application

The HardTop material can be adapted for use in several different applications and for different final finishes. It is sprayed on wet and fresh concrete installations to give a value added finish. Applications include all interior high traffic floors, malls, multiplexes, light vehicular traffic area with high number of vehicles like car parks, basements, golf cart roads and factory shed topping.

Specifications

Max. Aggregate Size		Compressive Strength
4 mm		>40 N/mm ²
Flexure Strength	Bulk Density	Wet Density
>4 N/mm ²	~1520 kg/m ³	~2200 kg/m ³
Output/Coverage		
4 to 6 kg of material is normally used per sq. metre.		

Variants

HardTop is also available in **Heavy Duty (HD)** and **Extra Heavy Duty (EHD)** variants with special hard aggregates to cater to requirements of higher and extreme wear resistant.

Other Recommended Products

The use of following other products by FreeForm are recommended for best results:

- **Seal and Protect:** FF Densifier | AcrySeal | ClearSeal

Finishes

The HardTop surface can be realised in mirror polish, brushed finish or even with an acid finish.



Picture is for indication only. Courtesy of Architects Ms. Prabhakar B Bhagwat, Project 'The ARK', Vadodara. Flooring Contractor Ms. Creative Floors

NOVASOL

Cast-On-Site Resin Bound Aggregate Floors

With stunning looks and excellent water draining characteristics, Novasol floors are strong and flexible which allows them to be cast in large seamless panels. These are applied on site by approved applicators.

Novasol floors have certain unique beneficial characteristics as follows:

Immediate Drainage: Floors drain quickly with a flow range between 30 to 70 litres per second per square metre. As a result, if the base drainage is proper, there are never any puddles and always a dry surface is available to walk on.

Bespoke Floorings: Aesthetically pleasing bespoke flooring can be made in patterns and combinations required, ensuring unique floor surface for your projects.

Good Heat Reflectance: The system has good heat reflectance and the trapped air between aggregates ensures good thermal insulation, making it an ideal covering for waterproofed terraces and podiums.

UV Resistant: Novasol is offered only in the UV resistant variety as a standard, thereby ensuring that there will be no yellowing, ageing or softening of the floor under years of exposure to sunlight.



Quick Laying: The flooring system enables quick laying and the floor is open to foot traffic in 24 hours after laying. Full cure can happen over 3–4 days.

Good Skid Resistance: The Novasol system offers good skid resistance and so enhanced comfort during walking

Low Maintenance: Very low maintenance is required and Novasol floors can be typically cleaned by water hosing, and if required, gentle scrubbing.

Key features include:



Fast Draining
Dry usable surface



Slight Flexibility in Material
Less cracks | Large panel sizes



Thin Layer Application
Environment friendly



Extensively Tested at Factory
Quality assurance for you



High Consistency of Material
Peace of mind



No Contamination
Better performance

Application

Novasol is suitable for pedestrian usage and light vehicular traffic, and ideal for use on swimming pool decks, garden walkways, terraces etc.

Specifications

Max. Aggregate Size	
8–10 mm. Bigger will be more expensive to lay.	
Wet Density	Output/Coverage
~2000 kg/m ³	~2 kg/mm/m ²

Novasol Catalogue



N1



N2



N3



N4



N5



N6



N7



N8



N9



N10



N11



N12

Novasol resin bound floors can be cast in most of the aggregates and impart a permanent or semi-permanent wet look to the aggregates. The resin itself is almost invisible, and only the aggregates themselves remain visible and bound. For the system to work well, aggregates are required to be washed and dried.

Ideal for geocellular grid flooring, podiums, terraces, pool decks, gardens patios etc.

PEBBLEWASH

Washed Concrete Floors with Exposed Aggregates






Pebblewash floors with large panel sizes are a designer's delight where a cast-on-site exterior flooring is required. It goes without saying that for floor applications, extremely high quality of the material and application quality as well as the construction of a perfect base are imperative.

Pebblewash floors can be finished off in varying degree of aggregate exposure depending on the size of the aggregates used.

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

Key features include:

-  High Adhesion to Substrate
Less peeling off | High bonding
-  High Workability
Fast completion of project
-  Thin Layer Application
Environment friendly
-  High Consistency of Material
Peace of mind
-  Lower Dimensional Shrinkage
Fewer cracks in concrete
-  No Contamination
Better performance
-  High Strength
High durability | Low maintenance cost
-  Slight Flexibility in Material
Less cracks | Large panel sizes
-  Easy to Clean
Better looking surfaces
-  Water Repellence
Moisture ingress & stain protection
-  Low Requirement of Curing
Less supervision required
-  Extensively Tested
Quality assured

Application

Generally used in exterior floorings for pedestrian, cycle track and low traffic applications, where seamless floors are required or desired.

Based on expected abrasion on surface, special aggregates can be selected.

Specifications

Max. Aggregate Size		Compressive Strength	
2-8 mm or higher on request		>35 N/mm ²	
Flexure Strength	Bulk Density	Wet Density	
>5 N/mm ²	~1700 kg/m ³	~2200 kg/m ³	



Other Recommended Products

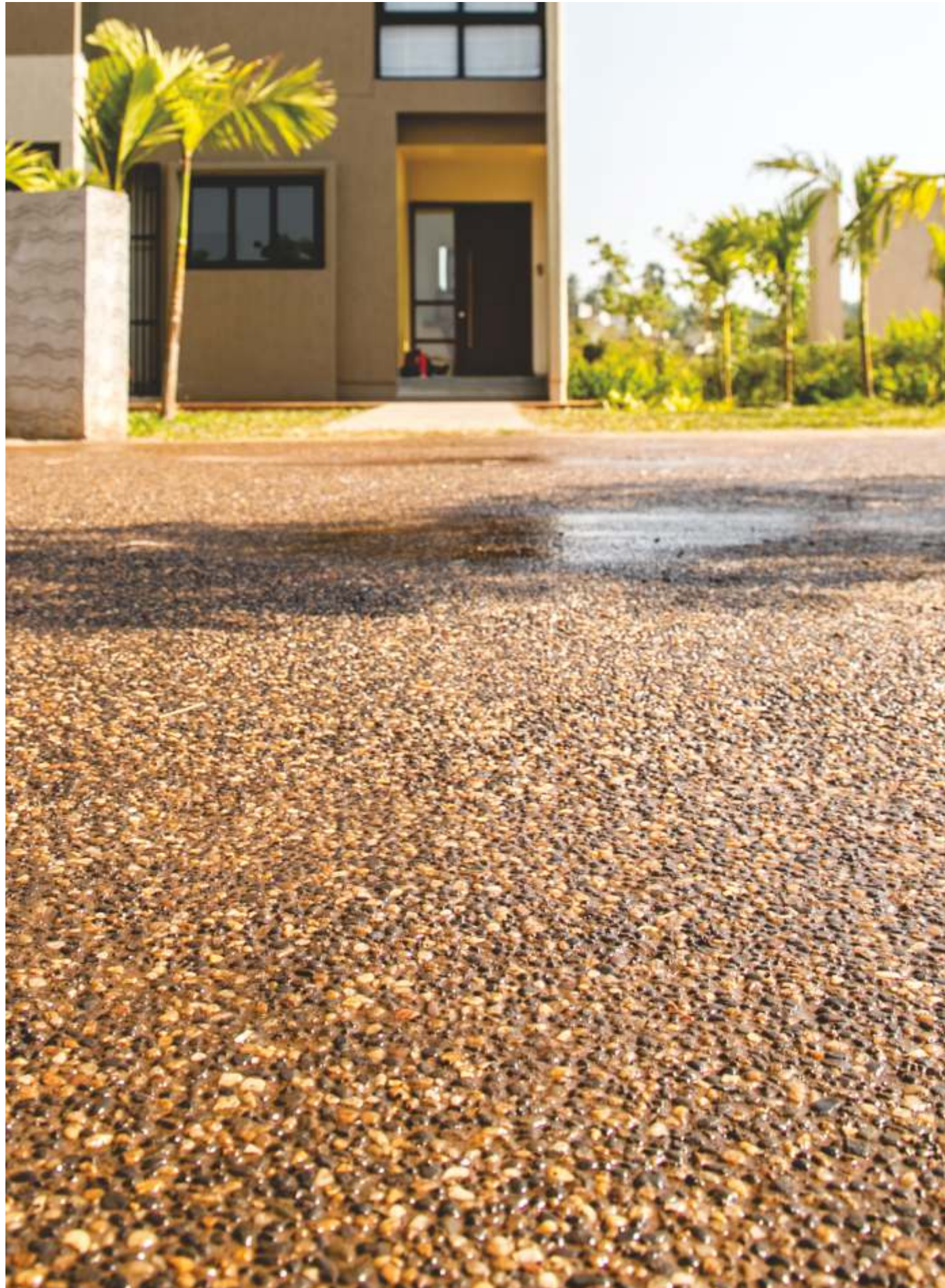
The use of following other products by FreeForm are recommended for best results:

- **Base Materials:** FF Dry Screed | SLU—Self levelling underlayment | Suitable FreeForm Primer
- **Seal and Protect:** FF Densifier | AcrySeal

Pebblewash Catalogue

Please refer to page 28





The Pebblewash series is created by fortifying the material, keeping in mind the demands of the floor applications. Special care is taken to ensure important characteristics like adhesion, cleanability and efflorescence resistance to the material supplied, which perceptibly improves performance characteristics vis-a-vis the competition.

Its in-situ application helps take care of residual spaces and gives a seamless finish. Minimum longitudinal falls of 1% and cross falls of 2-3% are recommended.

STONECRETE

Feature Packed Exposed Aggregate Wall Render














Stonecrete by FreeForm is a cementitious decorative material for walls. The walls can be finished in a washed/exposed finish soon after the rendering application. Skilled workmen are required for application of this material. The high bonding strength of the Stonecrete will avoid repairs, claims and damages that may arise in case of other cladding materials. This leads to significant cost savings.

Wide options with best quality: FreeForm can offer more than 80 colour shades in its products. We use pigments of the finest and most reliable quality to ensure that there are no surprises on final application of product. This also enables consistent reproduction of colour mixes even at later dates.

Exotic and unusual ingredients available for special effects: FreeForm offers the largest range of rare materials such as mother of pearl, glass, pebbles, stone chips from all over India and abroad, as exotic aggregates for value added effects for your walls.

Key features include:

-  High Adhesion to Substrate
Less peeling off | High bonding
-  Efflorescence Resistance
Better looks | Low maintenance cost
-  Slight Flexibility in Material
Less cracks | Large panel sizes
-  Low Rebound
Less wastage in wall material
-  Water Repellence
Moisture ingress & stain protection
-  Easy to Clean
Better looking surfaces
-  Lower Dimensional Shrinkage
Fewer cracks in concrete
-  Low Requirement of Curing
Less supervision required at site
-  No Contamination
Better performance
-  Extensively Tested at Factory
Quality assurance for you
-  High Consistency of Material
Peace of mind

Application

Good for most walls, exteriors as well as interiors. Can be easily wrapped around wall edges, columns etc.. High adhesion of our product makes it suitable for application like street furniture, treads and risers and others.

Specifications

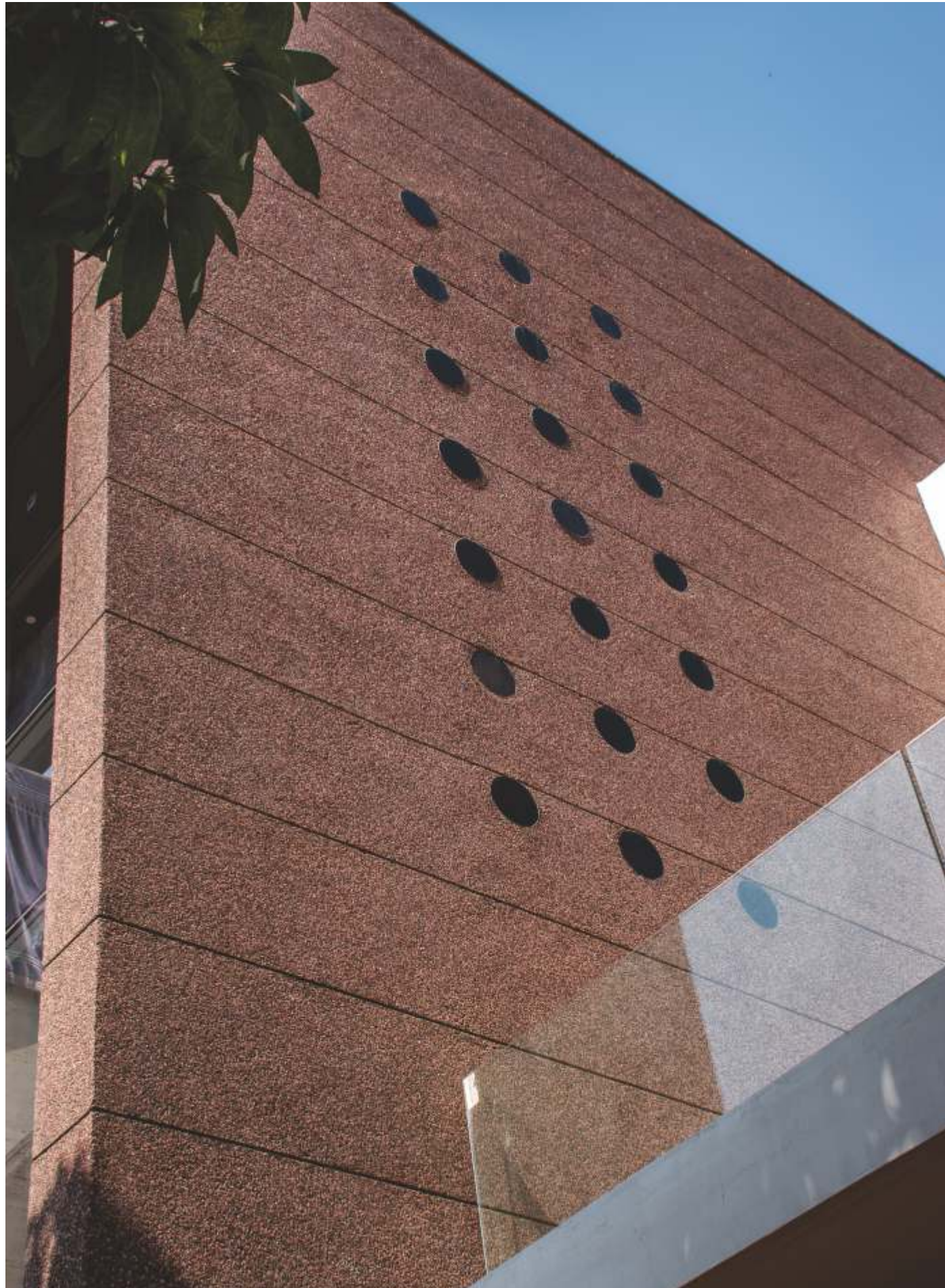
Max. Aggregate Size	Compressive Strength
3-8 mm	>15 N/mm ²
Flexure Strength	Bulk Density
>3 N/mm ²	~1250 kg/m ³
Wet Density	Output/Coverage
~2200 kg/m ³	~2.2 kg /mm/m ²

Other Recommended Products

The use of following other products by FreeForm are recommended for best results:

- **Base Materials:** Suitable FreeForm Primer
- **Seal and Protect:** AcrySeal





Stonecrete/Pebblewash Catalogue



S4(N)



S5(N)



S6(N)



S7(P)



S8(P)



S9(P)



S10(N)



S11(G)



S12(N)



S13(N)



S14(N)



S15(N)



S16(G)



S17(G)



S18(G)



S19(G)



S20(G)



S21(G)

CALCOPREMIA

Emulsion Based Exposed Natural Aggregate Wall Texture



The CalcoPremia is a highly flexible and seamless, aggregate and emulsion based exterior coating with stunningly natural looks.










The acrylic emulsion is clear and disappears on hardening and leaves behind a crack-free and strikingly natural aggregate surface for long term use.

Workmen with minimum skills can carry out the application of this material.

Available in many colour options of natural stone, blends, and glass aggregates (CalcoGlitter), which for the only visible layer upon application. There are no added pigments or colourants in the CalcoPremia range.

The low maintenance, high performance and non-toxic texture coatings enhance any structure or surface while giving it greater texture and character. They are easily recommended for large areas on both interior and exterior walls.

Key features include:

-  Seamless Application
No joints
-  High Flexibility in Material
Less cracks | Large panel sizes
-  High Adhesion to Substrate
Less peeling off | High bonding
-  Thin Layer Application
Environment friendly
-  No Requirement of Curing
Less supervision required at site
-  Lower Dimensional Shrinkage
Fewer cracks
-  High Strength
High durability
-  Easy to Clean
Better looking surfaces
-  Quick Application
Fast completion of project

Application

The Calco range of FreeForm products can be most suitably used on building facade, compound walls, ramp or basement walls etc. It is suitable for exteriors as well as interiors. It can be easily wrapped around wall edges, columns etc. High adhesion of the product makes it suitable for many diverse applications.



Specifications

Max. Aggregate Size	Output/Coverage
3 mm	~5-6 kg/m ²

Other Recommended Products

The use of following other products by FreeForm are recommended for best results:

- **Base Materials:** Suitable FreeForm Primer
- **Seal and Protect:** AcrySeal





CalcoPremia Catalogue



WHITE MARBLE



GREY



YELLOW



BROWN



SCARLET



DUSK



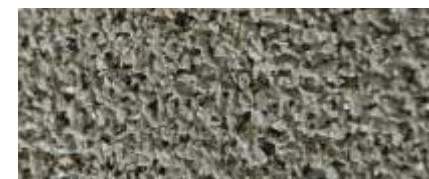
BEIGE



BUFF



CAMEL



OLIVE



GREEN MARBLE



PIGEON EGG



WHITE EARTH



DALMATION 50



CARBON FLINT



BLACK OCHRE



RED FLAME



RED SAND



LATTE



DALMATION 20



CHOCOFUDGE



DESERT STORM



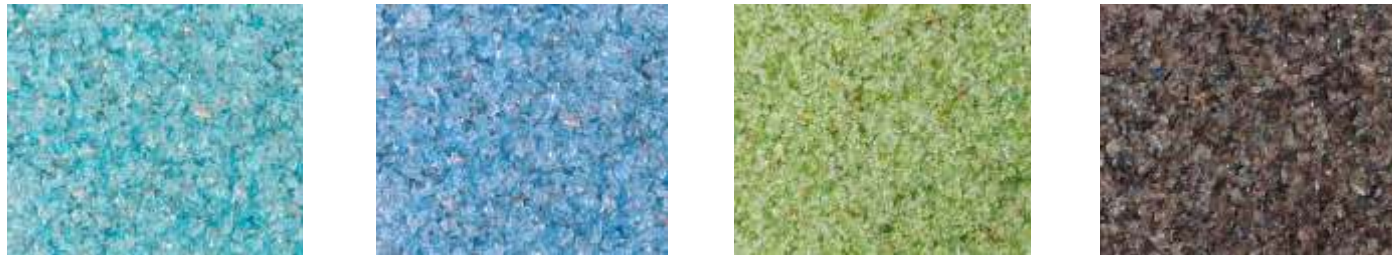
DARK THUNDER



DECCAN

CALCOGLITTER

Premium Recycled Glass Aggregate Render



The CalcoGlitter is the premium recycled glass aggregate render range of the CalcoPremia series. The coloured glass aggregate add a dash of glamour to the walls and features that adorn it. The use of the most premium water-based ingredients ensures that the surfaces will stay UV stable for years to come. The material does not crack itself and will even paper over small sub-surface cracks.

CALCOSLATESTONE

Acrylic Render for Varied Stone Textures



CalcoSlatestone is a highly flexible and seamless, mineral and emulsion based exterior texture coating material which can help realise a variety of finishes depending on the workman's skills.

It can be used to create smooth, stony and patterned textures by the artisans.

This decorative and weather resistant texture finish is ideal for durable protection of wall surfaces and leaves behind a crack-free surface for long term use.



CALCOTEXTURE SCRATCH

Acrylic Render for Texture Finish



FreeForm CalcoTexture Scratch is a highly flexible and seamless, aggregate and emulsion based exterior coating which can be applied in several popular scratch patterns. This decorative and weather resistant texture finish is ideal for durable protection of wall surfaces. Workmen with minimum skills can carry out the application of this material.

The texture can be easily blended into suitable colours using stable oxide colorants and the application of a final colour coat can be totally avoided.

CALCOACRYLIC PUTTY

Acrylic Based Skim Coat for Plastered Walls



The FreeForm CalcoAcrylic Putty is an excellent premium water resistant based material for application on walls and ceilings. The material smoothens and prepares the base surface for excellent finish of paints. It helps even out the plaster defects, helps cover minor cracks and pitting, and allows excellent levelling and sanding.

Supplied in a ready to use condition, it can be used to obtain different textures too, by spraying through guns of different nozzle sizes.

CALCOSPRAY

Easy to Spray Acrylic Render

CalcoSpray is a finer, ready to use, easy to spray material for walls. Large areas can be covered seamlessly with this material. CalcoSpray is also made available by FreeForm in all natural aggregates for a more natural feel and for long life usage. Being water based, it has extremely low VOC contents. Only high quality polymers with high adhesion performance and UV resistance are used for best performance.



FF MICROCEMENT WALLS

Micro Toppings for Crack-free Walls



MicroCement systems by FreeForm are a cementitious decorative surface coating system applied in 2-3 layers and with total thickness of the system typically not exceeding 2-3 mm. Several finishing options exist depending on desired final finish or effect.

FreeForm offers three important systems based on what type of finish is desired for the render.

- **MicroCement Lime**
- **MicroCement Stucco**
- **MicroCement Antico**

Key features include:

- Thin Layer Application**
Environment friendly
- Seamless Application**
No joints
- Quick Application**
Fast completion of project
- Lower Dimensional Shrinkage**
Fewer cracks in surface
- High Adhesion to Substrate**
Less peeling off | High bonding
- Extensively Tested**
Quality assured
- Low Requirement of Curing**
Less supervision required at site
- Water Repellence**
Moisture ingress & stain protection
- Peace of Mind**
More value for money

Application

Suitable for residential, commercial, indoor & outdoor walls, stairs, counter tops, furniture. Please specify and confirm application before ordering.

Being such a versatile material, the FF MicroCement can not only be used for an extremely wide array of applications, but can also be used to create a variety of surface finishes in many colour options to the designer's choosing.

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

Variants

MicroCement Lime

This is the finest of the MicroCement plasters. It is preferred where a natural sheen is required on the surface. It is easy to apply and requires minimal extra finishing effort. The sheen is achieved by the applicator burnishing the applied plaster by repeated finishing of the surface using trowels or similar tools while the material is still hardening.

MicroCement Stucco

MicroCement Stucco by FreeForm enables creation of premium natural looking mineral textured walls with technically impeccable characteristics. The type and variety of textures that can be obtained by the applicator are only restricted by their skill or imagination. This is a slightly coarser render than the MicroCement Lime.

MicroCement Antico

The MicroCement Antico brings out the raw and rough side of mineral plasters. It helps achieve a premium sawn stone effect on the surface. Several contrasting or blending, dull or sparkling fine aggregates are added to yield desired effects, again restricted only by the imagination.

Other Recommended Products

The use of following other products by FreeForm are recommended for best results:

- **Base Materials:** Suitable FreeForm Primer
- **Seal and Protect:** AcrySeal

FF MicroCement Walls Catalogue

Please refer to page 16



FF PRIMERS

High Quality Primers for Various Applications



FreeForm offers a fine range of world class primers for the preparation of high quality surface finishes.

The primer is a crucial consolidating, protecting and binding material between layers.

The correct selection and the application of the primers is of utmost importance for the following reasons:

- Primers provide greater adhesion of levelling compounds/ final screeds to the base—This means, less chances of curling of panels and a more secure installation.
- Provides appropriate flow and best strength development to overlays.
- Absorbency Control— Provides good absorbency control to available floor and reduces chances of drying shrinkage of the top screed and enhances crack control.
- Improved performance against shock and chemical damage.

Primer	Purpose/Usage
Primer Consolo	Primer for softer concrete surfaces requiring consolidation. Acrylic resin based, ready to use.
Primer Uni Plus	Hack preventer, high adhesion promoting primer. Suitable for hard and smooth surfaces and tiles. Water based and solvent free.
Primer HumiBlock PU	Consolidating Primer that combats humidity, for the treatment of absorbent surfaces or floors including gypsum based. Solvent free, PU based, ready to use single component.
Primer EP 01	High end two component epoxy resin-based. Has excellent adhesion to concrete and metal and high mechanical and chemical resistance.

While Primers help with surface preparation and provide a chemical key in some applications, in many cases, additional mechanical surface preparation will also be required to ensure proper adhesion of subsequent layer application.

Application

On mother slab | On dry or hardened screeds | Before layers before application of further overlays.



FF DRY SCREED

Non-Shrink Cementitious Screed for Base Levelling

The FF Dry Screed is an extremely important non-shrink type of base levelling material that helps smoothen out the imperfections of the substrate.

Use of the FF Dry Screed helps to

- Improve quality and strength of the Flooring: This is relevant as level variations in base can easily lead to failures in topping materials.
- Save costs: Costs in construction of subsequent layers. For example, even when using sometimes very expensive adhesives, the cost can be saved by a good quality well levelled screed.

The FF Dry Screed material can be supplied either as a single component, ready to use material along with the aggregates, or only as mortar for aggregates to be added locally or we could also help by simply supplying the necessary additives to obtain a good quality screed on site.



Application Thickness

The FF Dry Screed is suitable for use in thickness between 20 to 100 mm in single coat for levelling purpose.

SLU—SELF LEVELLING UNDERLAYMENT

Self-Levelling, Non-Shrink Underlayment

SLUs are very relevant now as the degree of flatness and smoothness required for floor covering products has increased, with vinyl goods becoming thinner and floor tiles becoming larger, for example.

SLUs can be used in 0 to 12 mm thickness.

They help create a flat and smooth surface with excellent technical characteristics. Effective floor surface preparation and/or use of primers will be required.



Variants

These are available in **Normal Setting (NS)** and in **Rapid Setting (RS)** options.

FreeForm SLU RS has high flow and fast drying characteristics. SLU RS is typically useful in renovation type of applications, when available time is short and the final flooring has to be quickly set. It helps in laying of next floor covering within hours after its installation.

ACRYSEAL

Film Forming Sealer for Protection and Colour Enhancement

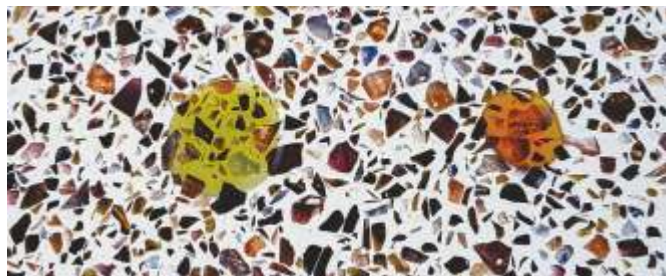


AcrySeal is a water based, transparent, film forming, colour enhancing and protective coating material. It is used in the VYARA range of PremierShield protected products, and now offered to customers, in manageable pack sizes. Years of trials and experience has shown the AcrySeal to be among the finest transparent water based acrylic coats.

The life of AcrySeal coat is dependent very much on the usage conditions. It is an impregnating coat and hence the effects are expected to last for 1-2 years in floor applications, but is expected to be much longer on walls and may be more or less depending on usage and local conditions.

CLEARSEAL

Invisible Non-Film Forming Sealer for Protection



ClearSeal is applied as a transparent, invisible, non-film forming impregnation for enhanced resistance against oil, water, dirt and stain. General tendency towards staining of the surface is considerably reduced.

ClearSeal is chemically bonded to the concrete surface, thus giving a long lasting protection. Oil, water and stain forming liquids, like coffee, soft drinks etc. repel on the surface and can be easily removed, e.g. by using an absorptive tissue.

PU SEAL

PU Based Wall and Floor Sealer



PU Seal is water based polyurethane resin dispersion, which provides a durable coating for application to both vertical and horizontal surfaces. It provides good resistance to a wide range of mineral and organic acids, fats, alkalis and oils and gives a hygienic surface.

PU Seal is light fast and UV stable. It has high chemical resistance, is solvent and VOC free and forms a breathable membrane. The sealer is available in two options of gloss and matt.

FF CRACKFILL

High Quality Shrink Resistant Crack Repair

FF CrackFill is a cementitious crack filling compound specially designed to be shrink resistant, fast setting and easy to apply. Only water has to be added to make a viscous paste and apply. It can be used for cracks on all interior and exterior absorbent surfaces, cracks and gaps caused by drying and shrinkage.

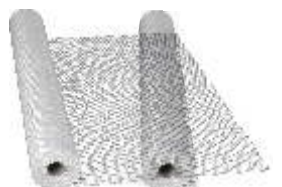
Due opening, cleaning and priming of cracks will be required before use of the FF CrackFill. Available in Grey and White Colours, it is suitable for use in for repair of cracks from 1 to 10 mm wide.



FF ARGF NET

High Zirconia AR Glass Fiber Net

ARGF Net is resistant to alkalis, does not decompose and will not rust over time, has a high resistance to tearing and stretching. It protects the surface from cracking and improves its mechanical strength. Recommended for use in waterproofing to obtain a consistent thickness of 2 mm of coat.



FF LATEX UNI

Environment Friendly Water-based Latex

FF Latex Uni is designed to improve flexibility of normal and rapid setting cement-based materials. Used as a supplementary binder, it helps create enhanced and flexible two component cementitious waterproof coatings, adhesives and mortars.



AGGREGATES

Natural stone chips, pebbles and recycled glass

Crushed Stone chips, Pebbles and Recycled Glass can be used either singly or in combinations for various range of FreeForm products like Terrazzo, Novasol, Pebblewash, Stonecrete and Stonecrete Glister. The variety helps create endless permutations and combination of products. Used alone too, these can make for excellent adornments for landscape or interior needs.

As a standard, chips are packed in 25 kg bags. Other packs may be possible on request.

Sizes available: 0-3 mm, 3-8 mm, 8-15mm, 15-25mm.

The colour of the chips will look slightly darker when wet and lighter when dry, owing to water absorbency of the material. This is reflected in the two shades of each photograph below.

Crushed Stone



Pebbles and Recycled Glass





FREEFORM[®]
ARCHITECTURAL PREMIXES

Cementitious and Epoxy Floors
Wall Finishes | Base Materials | Sealers | DIY



VYARA[®]

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