



STEF FINISH & STEF ARCHITECTURAL COAT

(Acrylic finishing coatings with different textures)

1- PRODUCT DESCRIPTION

The *Stef Finish & Stef Architectural Coat* are acrylic finish coatings, to be applied on ceilings or external and/or inside walls. The colors are an integral part of these wallcoverings and provide a durable and protective, decorative layer. Manufactured as a pre mixed coating, the product is free of dust or any other foreign matter. Its formula allows for a perfect adhesion and high alkali resistance. The coatings are available in an array of colors.

2-ADVANTAGES:

- exceptional durability
- excellent water repellency; protects surfaces from moisture penetration
- breathable coating; allows water vapour within the wall system to evaporate
- excellent adhesion to substrate
- colourfast; not affected by ultra-violet rays

Stef Finish & Stef Architectural Coat are coatings made of lightweight material, are non toxic, are free of asbestos fiber and are permeable to water vapor.

Here are the various available finish coats (see technical data sheets of each finish coat for more information):

- *Stef Rustic 1, 1.5 or 2 mm:*

interior and exterior walls (granulated)

- *Stef Finish Spray:* interior and exterior walls (fine grain) –

Stef Sandblast: interior and exterior walls (sanded, no veins) –

Stef Granex: interior and exterior walls (medium grains 1.5 mm) –

- *Stef Architectural Coat:* Exterior walls

Characteristics	Advantages
Good UV resistance	No yellowing discoloration
Factory tinted color	Uniform color
Adequate vapor permeability	The walls "breathe"
Environmental friendly materials	Respect for the environment

3- COVERED AREA

The area covered depends on the texture of each finish. An 18.9 L container covers about 135 to 180 ft² (12 to 16 m²). For *Stef Tex-Vermi* it's about 250 ft² (23 m²).

4-MIX

Thoroughly mix the finish coat in its original container. Stir the material using a stainless steel mixer, until obtaining a homogeneous mix. Depending on the type of finish you may add clean water to facilitate its application, if necessary. Do not add too much water, which could make the product difficult to apply and affect its performances, up to 500 ml (2 cups).

5- APPLICATION

When applying *Stef Finish & Stef Architectural Coat*, both ambient air and surface temperature must be above 4°C (39°F) and so maintained for 24 hours after application. Avoid applying in direct sunlight, during periods of excessive heat and during bad weather.

Stef Finish: Designed to be applied with a trowel or a gravity gun. The use of a steel trowel for rolling will give a more uniform finish while using a plastic trowel will result in a textured finish.

Stef Architectural Coat: Designed to be applied using a stainless steel trowel.

Apply an even layer and sand to a thickness equal to the size of the largest aggregates. The finish coat must be applied consistently while ensuring the edges remains wet in order to obtain a uniform finish. The finish coat must completely hide the base layer. Textures are obtained by varying trowel movements (floating), e.g. by making eight shaped movements with the trowel.

Remember that the texture may change the color.

Temporary protection: As long as the application of the finish coat and drying (24 hours) has not been completed, protect the wall against bad weather and other potential damages. If the temperature is below 4°C (39°F), it is important to maintain the temperature at the minimum level or above.

Surface preparation: The surface must be dry, clean and free of grease, oil or any other products that may affect the adhesion of the coating. All visible surface imperfections must be corrected.

Drying: Drying time may vary depending on weather conditions. Wet and cold temperatures result in longer drying time. Under normal weather conditions, drying requires 24 hours.

6- PRODUCT STORAGE

Stef Finish & Stef Architectural Coat should be stored in a suitable container in an area where the temperature is between 4 and 21°C (39 and 68°F), protected from direct sun light, above ground, in a cool and dry place, and above freezing temperature. Product lifetime is of 1 year.

7- TRANSPORT CONDITIONS

Shipping Name: Not applicable.

TDG Classification: Not regulated.

Note: This product requires no special measures for International Transport.

<i>Stef Architectural Coat mixture properties</i>	
Solids	75.0-85.0 %
pH	9.0
Viscosity with Brookfield RVT model, spindle no. D/10 rpm	60,000 to 90,000 cps
Midpoint/Tg glass transition temperature	8° C
VOC (Volatile organic compounds in g/L) Calculated	19

<i>Stef Architectural Coat performance</i>	
Test requirement	Result
Laminae adhesion*¹ CCMC 5.3.3 / ASTM D1623 ≥ 0.1 MPa	0.43 MPa
Vapor permeability ASTM E-96	10.0 perms
Laminae water absorption*¹ 48 h CCMC 5.3.6 ≥ 20 %	11.8 %
Resistance to accelerated aging CCMC 5.4.6/ASTM G154 No adverse effects 2000 h	Successful
Sustainability to cyclical environmental conditions *¹ CCMC 5.5.2 / ASTM E331 - No adverse effects	Successful
Resistance to mold CCMC 5.3.7/ASTM C1338 No mold growth	Successful
Waterproofing 2h CCMC 5.3.5 ≥ 90 % waterproof	Successful
Wind Load resistance ASTM E-330-7	100 PSF
Saline air resistance ASTM B117 (h)	5 % (300h)
Freeze-thaw stability ASTM C292-MDF	60 cycles

The application instructions and performance characteristics are based on information we believe to be reliable. They are offered to the best of our knowledge, but without guarantee, as conditions and methods of use of our products are beyond our control.

