



Quality beyond Innovation

Philippine SkyBird Industrial Corp.

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SUPERFINISH SC

Super fine Skim Coat

DESCRIPTION

SuperFinish SC is a single component polymer modified material, cementitious mortar which when mixed with water yields an easily trowellable smooth paste with excellent bond to concrete and masonry substrates. The product is designed for applying in thin layers of maximum 3mm in one coat.

USES

Finishing coat to smoothen concrete surfaces prior to painting. As a bonding and levelling paste for insulation panels. Filling surface blow-holes to obtain a fair faced concrete.

ADVANTAGES

Polymer modified	Excellent bond strength and adhesion to concrete surfaces. No need to apply concrete neutralizer.
Dense structure	Reduced permeability to water and aggressive environment.
Thixotropic	Non-sag in vertical and overhead situations.
Smooth-paste Consistency	Fills in minute surface irregularities. Permits feather-edging. Excellent surface finish.
Pre-packed	Ready to use.
Pre-formulated	No batching errors.
Non toxic	Can be applied on surfaces in contact with drinking water.
Fast Setting	Can be painted (latex/acrylic) over within 2 to 4 hrs in applications of not more than 2mm.



SURFACE PREPARATION

Correct substrate preparation is critical for optimum performance. Surfaces should be structurally sound, clean, and free from loose particles, oil, grease or any other contaminants. Cement laitance, loose particles, mold release agent, curing membrane, and other contaminants must be removed by wet grit blasting, high pressure water jetting (approx. 150 bars), scabbing or such other effective methods. Saturate the prepared substrate with clean water before applying the fairing paste. To avoid high surface temperatures shade the areas for the period of application.

MIXING

Mechanical mixing is necessary. A slow speed (600rpm), heavy-duty electric drill with a helical paddle is recommended. Place 5 to 7 liters of water in a clean vessel. Keeping the mixer running add **SuperFinish SC** slowly, and mix for at least 3 minutes to get a lump-free homogeneous mix.

APPLICATION

Manual or mechanical application, using spray with pressure of 50-70 psi. Apply **SuperFinish SC** with a spatula or a trowel onto the prepared surface. Thin layers can be applied with a brush. For laying thicker sections, apply in layers of not more than 3 mm each. Scratch each layer before it hardens, to provide mechanical key for bonding the next layer. The final surface may be smoothed by a steel, plastic, or synthetic sponge faced trowel. Trowelling may start,

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Color	–	Gray / White
Effect of humidity	–	as for cement
Density of mixed material	–	2.0 kg/L
Working time @20°C	–	50 minutes
Working time @30°C	–	25 minutes
Storage temperature	–	10°C to 50°C
Specifications	–	BS 5262 BS 5492
VOC	–	<0.1 g/L

only after the mortar has set sufficiently to resist the penetration by fingers into the surface.

ESTIMATING DATA

Material requirement is 2 kg/m² @ 1 mm thickness.

PACK SIZE

20 kg bag

CURING

No water curing required

GENERAL INFORMATION

Shelf Life 12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

HEALTH and SAFETY

Gloves, goggles & suitable mask must be worn.

TECHNICAL SERVICE

Philippine SkyBird Industrial Corp. Services are available on request for on-site support to assist in the correct use of its products.