

Product Information

DECOSIL Silicone Enhanced Hydrophobic Textured Finish



DESCRIPTION:

DecoSIL – Engineered for Maximum Protection and Longevity

DecoSIL sets the standard for high-performance exterior finishes. Built on advanced **hydrophobic technology** and **silicone reinforcement**, it forms a powerful barrier that actively resists water intrusion and environmental contaminants. This performance-driven finish ensures superior protection against moisture, dirt, and pollutants—delivering a **self-cleaning effect** that minimizes maintenance and preserves surface integrity.

Why DecoSIL Performs Better:

- **Water Repellency:** Hydrophobic chemistry prevents absorption and moisture-related damage.
- **Dirt & Stain Resistance:** Reduces buildup and keeps surfaces cleaner for longer.
- **UV Stability:** Maintains color and finish under extreme sun exposure.
- **Durability Under Stress:** Resists chalking, staining, and dirt pick-up for extended life.
- **System Compatibility:** Optimized for Decoplast EIFS and Direct Applied Finish Systems (DAFS) applications.

DecoSIL isn't just a finish—it's a **performance solution** designed to protect and enhance vertical, above-grade concrete, masonry, and plaster substrates for years to come.

DecoSIL Genova 1.0 Fine Sand	DecoSIL Taormina 1.0 Fine Swirl	DecoSIL Ispica Freestyle
DecoSIL Trieste 1.5 Med Sand	DecoSIL Graffiato 1.5 Medium Swirl	DecoSIL Calcare Limestone
DecoSIL San Remo 2.0 Coarse Sand	DecoSIL Graffiato 2.0 Coarse Swirl	DecoSIL Liscio Plaster Smooth

FEATURES:

Hydrophobic Polymer Technology	Hydrophobic chemistry, Silicone modified, self-cleaning, water repellent, UV resistance, with chalking, stain and dirt pick up resistance performance.
Integral Color	Ready mixed, uniform color.
Vapor Permeable	Vapor permeable materials help control moisture levels within walls.
Water Based with	Safe, non-toxic; cleans up with water.
Low VOC	Low environmental impact, improved IAQ.

COVERAGE:

Genova 1.0mm Fine Sand: 140—165 ft² per pail (13-15.3 m²)

Trieste 1.5mm Med Sand: 120—145 ft² per pail (11.1-13.5 m²)

San Remo 2.0mm Coarse Sand: 75—100 ft² per pail (7-9.3 m²)

Taormina 1.0mm Fine Swirl: 135—160 ft² per pail (12.5-14.9 m²)

Graffiato 1.5mm Medium Swirl: 135—160 ft² per pail (12.5-14.9 m²)

Graffiato 2.0mm Coarse: 75—100 ft² per pail (7-9.3 m²)

Ispica Freestyle 0.75mm: 40—130 ft² per pail (3.7-12.1 m²)

Calcare Limestone – 140 – 150 ft² per pail (13-13.93 m²)

Application Temperature: 40° – 110° F (5° – 43° C)

Working Time: ¼ Hour

Set Time: 8 – 12 Hours

Dry Time: 24 – 72 hrs. at room temperature. Working and drying time will vary with temperature and humidity.

Packaging: 5-gallon pail 68.5 lbs. (19L) / 31 kg per pail.

Shelf Life: 24 months if stored properly.

Storage: Protect from extreme heat 90°F (32°C), freezing, and direct sunlight.

SURFACE PREPARATION:

Concrete and masonry surfaces: Surfaces must be clean, dry, and free of frost, damage, and all bond-inhibiting materials, including dirt, efflorescence, form oil and other foreign matter. Loose or damaged material must be removed by water-blasting, sandblasting or mechanical wire brushing and repaired. Avoid application over irregular surfaces. Resurface, patch or level surfaces to required tolerance and

smoothness with appropriate Decoplast leveling materials. Refer to ASTM D-4258 Standard Practice for Surface Cleaning of Concrete and ASTM D-4261 Standard Practice for Concrete and Masonry Units for complete details on methods of preparing cementitious substrates for coatings.

Decoplast Exterior Insulation and Finish Systems (EIFS): Surface must be free of all bond-inhibiting materials. For optimal performance Decoplast recommends priming cementitious substrates using the appropriate Decoplast primer, tinted to the same color as the finish coating prior to application of finish.

Gypsum wallboard surfaces: Wallboard must be taped and fasteners spotted with joint compound. Refer to ASTM C-840 Standard Specification for Application and Finishing Gypsum board and gypsum wallboard manufacturer's literature. Surface must be free of dust, dirt and other bond inhibiting materials. Surface must be primed with appropriate Decoplast Primer.

MIXING:

Mix with a clean, rust-free electric drill and paddle. A small amount of clean water may be added to aid workability. Limit addition of water to amount needed to achieve the finish texture.

APPLICATION:

Apply only to sound and clean, dry, properly prepared, frost-free surfaces.

DecoSIL Finish: Apply with a clean stainless-steel trowel to a rough thickness slightly more than the largest aggregate size. Use the trowel to pull the material down to a uniform thickness no greater than the largest aggregate size. Achieve final texture by floating with trowel in a figure eight motion: use a stainless-steel trowel or plastic float. Once applied, the working time is up to 20 minutes depending upon material, ambient temperatures and surface conditions. **Spray: Apply finish with a hand-held gravity feed hopper-type sprayer, texture spray pump machine, or other appropriate equipment. Apply an even coat to ensure full coverage of the surface.**

IMPORTANT: ALWAYS check color for proper match prior to application. If the color does not match, STOP-call your Decoplast representative. For best results always prime cementitious substrates. Apply coating in a continuous application, always working from a wet edge or architectural break to eliminate cold joints. Minor shade variations may occur from batch to batch refer to batch number on pail. Avoid installing separate batches side-by-side and avoid application in direct sunlight. Avoid installing new finish adjacent to weathered or aged finish. Decoplast will not be responsible for shade or color variation from batch to batch, variation caused by application or substrate deficiencies, or fading resulting from natural causes such as weather. Protect installed product from rain, freezing, and continuous high humidity until completely dry.

CURING/DRYING:

DecoSIL finish typically dries within 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Drying time varies depending on temperature/humidity and surface conditions. Thicker textures require extended drying time and protection.

CLEAN UP:

Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.

TECHNICAL DATA:

Report	Test Method	Test Criteria	Test Results
Surface Burning	ASTM E84	< 25 Flame Spread < 450 Smoke Development	Pass
Water Vapor Transmission	ASTM E96 Method B	Measure, greater than 10 perms	11.59 Perms
Accelerated Weathering	ASTM G 155	2000 Hours	No deleterious effects
Freeze Thaw Resistance	ASTM E2485	10 Cycles	No cracking, erosion or other changes
Mold / Mildew Resistance	ASTM D3273	No growth at 28 days	No growth
Salt Spray Resistance	ASTM B117	300 hours	Passed
Water Resistance	ASTM D2247	14 Days	Passed
Water Penetration	ASTM E331	No Water penetration 6.24 and 27.4 psi after 2 hours	Passed
Abrasion Resistance	ASTM D968	1000 liters sand	Passed
Tensile Adhesion (psi)	ASTM C297	No failure in EIFS adhesive, base coat or finish: min 15 psi	Glass mat gypsum Concrete
Fire Resistance	ASTM E 119	No effect of existing wall rating	Pass
Fire Spread in Multistory Construction	NFPA 285	Meeting conditions for acceptance for use on noncombustible construction	Pass

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Radiant Heat Ignitibility	NFPA 268	Meeting conditions for acceptance for use on noncombustible construction	Pass
VOC (g/l)	EPA Reference Test Method 24	US EPA, South Coast AQMD AND Greenseal Standard	Less than 50 g/l

LIMITATIONS:

Use only when surface and ambient temperatures are above 40°F (4°C) and below 100°F (38°C) during application and drying period. Use Dark Color Finishes only when surface and ambient temperatures are above 50°F (10°C) and below 100°F (38°C) during application and drying period. For Exterior Insulation and Finish Systems (EIFS), select colors with a lightness value of 20 or greater. DecoSIL Finish is not suitable for use on horizontal surfaces exposed to weather, below grade applications, or surfaces immersed in water. For Exterior Insulation and Finish Systems (EIFS), select colors with a lightness value of 20 or greater. For Sloped surfaces: Refer to Decoplast details.

HEALTH AND SAFETY

Product is water-based. As with any chemical construction product, exercise care when handling

WARNING: Read complete warning information printed on product container prior to use. For more information on handling this product refer to its Safety Data Sheet (SDS). The most current SDS and Product Data Sheet (PDS) can be found on our website. This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Greenmaker Industries. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions

LIMITED WARRANTY

This product is subject to a written limited warranty which can be obtained free of charge from Greenmaker Industries. Refer to Decoplast Specifications for more complete information on proper use and handling of this product.

Disposal: Dispose of in accordance with local, state or federal regulations.

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ATTENTION/IMPORTANT

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Decoplast instructions. Greenmaker Industries LLC. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Greenmaker Industries control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. GREENMAKER INDUSTRIES. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH DECOPLAST WARRANTY WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the most current information on proper application, clean-up, mixing, specifications and additional information please refer to the Decoplast website, www.decoplast.com.



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