



Calcare (Limestone Finish)

64 Standard Colors / Custom Colors

TECHNICAL DATA

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Water Vapor Transmission (U.S. perms)	ASTM E-96	ICC Vapor Permeable	Pass
Accelerated Weathering	ASTM G-154	2000 hours	No deleterious effects
Surface Burning	ASTM E-84	≤ 25 Flame Spread ≤450 Smoke Developed	Pass
Freeze-thaw Resistance	ASTM 2485	60 cycles	Pass
Tensile Bond	ASTM C-297 E-2134	No failure in finish coat	Pass

FEATURES BENEFITS

Light Weight	The look and feel of natural stone at a fraction of the weight for cost savings on materials, application and structural requirements
Integral Color	Uniform color that lasts
Limestone Aesthetic	The classic beauty of natural stone in a durable acrylic based finish
Water-Based	Safe, non-toxic; cleans up with water
Moisture Resistant	Repels water; resists wind driven rain

SURFACE PREPARATION

All surfaces must be fully cured, structurally sound and free of weak or damaged surface conditions such as laitance or spalls. Surfaces must be clean, dry, frost-free, and free of any bond-inhibiting materials such as dust, dirt, oil, form release, algae, mildew, salts, efflorescence, or any other surface contamination. All surfaces, once prepared and leveled, Decoplast Deco-Prep adhesive should be applied prior to Calcare Finish.

Optimum Performance: Roll or spray Deco-Prep bonding agent over substrate prior to application of Calcare.

Concrete and masonry surfaces: Surfaces must be clean, dry, and free of frost, damage, releasing agents, 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.

IMPORTANT: Check surface alkalinity to ensure pH < 10 before application of primer, or wait 28 days for full cure of cementitious levelers and/or Portland cement plaster.

For best results it is recommended when Calcare Finish applied over Decoplast Reinforced Base Coat, Base Coat must cure for a minimum of 24 hours and be smooth and free of trowel marks.

MIXING

Mix with a clean, rust-free electric drill and paddle to a uniform consistency. Close container when not in use. Clean tools with water immediately after use.

Decoplast Calcare Finish is a ready-mixed, acrylic-based exterior or interior decorative wall finish. Calcare Finish is designed to replicate the appearance of true natural limestone. It is intended for use over properly prepared vertical above grade concrete, concrete masonry, Portland cement plaster, and Decoplast continuous insulation systems.

Coverage

160 - 200 ft²

Coverages may vary depending on application technique and surface conditions and substrate.

Packaging

5 gal pail (19L). 68.5 lbs / 31kg lbs / pail

Shelf Life

24 months, if properly sealed and stored.

Storage

Store off the ground in a cool/dry area. Protect from extreme heat [90°F (32°C)], moisture and direct sunlight.



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APPLICATION

Apply only in well-ventilated areas to structurally sound, clean, dry, properly prepared and primed, frost-free surfaces. Apply minimum two coats to achieve a total thickness of 1/16 inch (1.6 mm) per coat. Maximum thickness per coat is 1/16 inch (1.6 mm).

IMPORTANT! Always construct a mock-up under actual conditions of use to verify proper surface preparation, number of coats required, and approval of finished look by the appropriate authority. Avoid over-troweling which can burnish the finish.

Typical applications follows, though final technique may vary to achieve the desired effect:

Smooth Finish – 2 coats of Decoplast Calcare Finish with optional top coat

1. Sand the base coat to remove trowel lines and other surface imperfections.
2. Remove surface dust.
3. Apply Decoplast Primer uniformly in an even coat by spray or roller and allow to dry.
4. Apply a uniform coat of Decoplast Calcare Finish by trowel and allow to dry.
5. Apply a second uniform coat of Decoplast Calcare Finish by trowel and allow to dry.
6. While still wet, float the uniformly applied second coat lightly with a plastic float. After the finish has taken up slightly, trowel again with either a stainless steel trowel or plastic float. **Important:** Use the same final troweling tool and hand motion over the entire wall.

Top Coats:

For interior finish: top coat with two thin coats of Decoplast Deco-Glaze.

For exterior finish added abrasion resistance (recommended at high traffic / use impact areas): top coat with two thin coats of Decoplast Deco-Glaze.



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APPLICATION CONTINUED

Curing/Drying

Decoplast Calcare Finish dries within 24 –72 hours under normal conditions [70°F (21°C), 50% RH]. Drying time varies with temperature, humidity and surface conditions.

Clean Up

Clean tools and equipment with water immediately after use. Remove dried material from tools and equipment mechanically.

LIMITATIONS

Use Decoplast Calcare Finish only when surface and ambient temperatures are above 40°F (4°C) and below 100°F (38°C) during application and drying period.

Decoplast Calcare Finish is NOT an abrasion or mar resistant finish.

Store Decoplast materials in a cool, dry place.

Sloped surfaces: Refer to Decoplast details.

Decoplast Calcare Finish should not be used on weather-exposed horizontal or below grade surfaces or where immersion in water may occur.

Do not apply Decoplast Calcare Finish to frozen surfaces.

HEALTH AND SAFETY

Health Precaution

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

WARNING!

Causes eye and skin irritation.

Safety Precaution

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

First Aid:

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eye lids with fingers. Get immediate medical attention.

SKIN CONTACT: Immediately wash skin with plenty of soap and water for at least 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration or give oxygen by trained personnel. Seek medical attention immediately.

INGESTION: If swallowed, do NOT induce vomiting. Call a physician or a poison control center immediately. Never give anything by mouth to an unconscious person.

Spills

Contain and clean with appropriate absorbent materials.

Disposal

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

Warning

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet (SDS) for further health and safety information.

LIMITED WARRANTY

This product is subject to a written limited warranty. Refer to Decoplast Specifications for more complete information on proper use and handling of this product.



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