Fresco® Mica

A beautiful decorative finish incorporating mica flakes that create a highly reflective look with significant depth

Product Data Sheet

9/17/2026

TECHNICAL DATA

TEST METHOD	REPORT	TEST CRITERIA	TEST RESULTS
ASTM E84	**Surface Burning**	< 25 Flame Spread < 450 Smoke Developed	0 Class A 2.4 Class A
ASTM D2486	**Scrub Resistance**	10,000 cycles	Pass
ASTM D3960	**VOC** **This product complies with South Coast AQMD (Rule 1113) VOC emission standards for architectural coatings.		ZERO VOC
ASTM D3273	**Mold/Mildew Resistance**	No growth at 28 days	No growth
ASTM D3363	**Pencil Hardness**	6B – 6H	9H
ASTM D3359	**Adhesion by Tape Test**	No peeling or removal	5A
ASTM D1308	**Chemical Resistance**		High

FEATURES

BENEFITS

Water-based	Safe, non-toxic. Cleans up with water
Integrally Colored	Easy to clean using glass cleaner
Glass Beads	Highly durable. Resists surface abrasion
Acrylic-based	Won't crack. High impact resistance. Excellent adhesion
Vapor Permeable	Allows substrate to breathe. Resists blistering
VOC Compliant	Meets South Coast Air Quality (SCAQMD) requirements

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SURFACE PREPARATION

Gypsum wallboard surfaces: Wallboard must be taped and sanded to a Level 4 finish per AWCI standards. Sanded surface must then be prime painted with an undiluted flat, white, latex primer to ensure uniform absorption. Prior to priming, ensure surface is free of dust, dirt, and other bond-inhibiting materials, and that all taping materials are dry.

Concrete and masonry surfaces: Surface must be clean, dry, free of dust, dirt and other bond-inhibiting materials, including efflorescence, form oil and other foreign materials. All loose or damaged material must be properly removed. Skim, patch, or level surfaces to required tolerance and smoothness with appropriate Fresco leveling materials. Surface must then be prime painted with an undiluted flat, white, latex primer to ensure uniform absorption. Prior to priming, ensure surface is free of dust, dirt, and other bond-inhibiting materials, and that all leveling materials are dry.

Cement board: Cement board surface must be bedded with Fresco Basecoat and appropriate fiberglass mesh at all board joints and damaged board surfaces. Entire board surface then must be skimmed with Fresco Basecoat such that the surface is free from defects, trowel lines, and is leveled to required tolerance and smoothness. Surface must then be prime painted with an undiluted flat, white, latex primer to ensure uniform absorption. Prior to priming, ensure surface is free of dust, dirt, and other bond-inhibiting materials, and that all leveling materials are dry.

MIXING

Mix Fresco Basecoat with an electric drill and clean, rust-free paddle to evenly distribute the contents that may have settled after storage. Mix well at high rpm for workability. Do not add water.

APPLICATION

Apply only to sound and clean, dry, properly prepared surfaces. Surface must be primed with the appropriate primer per the surface preparation guidelines above.

Basecoat: Using a medium nap roller, apply the Fresco Basecoat on to the surface to a 1/8" thickness.

Mica Flake 1st coat: While the basecoat is still wet, immediately apply the mica flake on to the surface using a clean dense flat sponge by holding the sponge flat and using the other hand to sift a small handful of mica onto the sponge such that the mica flake lay flat on the sponge, not perpendicular or angular to the sponge. Take the sponge and press the mica flakes against and into the basecoat, thus adhering the mica flake to the surface. Allow to dry.

Note: While applying the mica flakes, it is helpful to have a sheet of plastic on the floor to catch the falling flakes.

Clear Vehicle 1st coat: Using a trowel or medium nap roller, apply the Fresco Clear Vehicle to a 1/16" thickness.

Mica Flake 2nd coat: While the vehicle is still wet, immediately apply the mica flake in the same manner as the 1st coat of flakes. Make sure to cover all primer such that the entire surface is covered with mica flake. Allow to dry.

Clear Vehicle 2nd coat: If desired to have an additional protective coat over the mica flakes, using a trowel, apply a final coat of Fresco Clear Vehicle. It may be necessary to infill any bald spots with the appropriate small amount of mica flake at this time as well.
IMPORTANT: ALWAYS check color of material for proper match. If color does not match, STOP, and call the manufacturer. Always work from a wet edge or architectural break to eliminate cold joints. Minor shade variations may occur from pail to pail. It is recommended that pails be batch mixed or shanked.
Curing/Drying: Requires minimum 3 days and moderate, dry weather for complete drying. Drying time increases significantly with low temperatures, wet or humid weather, which may cause a non-uniform appearance. Avoid installation during cool, damp ambient weather conditions. Apply in a trial area first to be sure of desired results.

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

LIMITATIONS

Use only when surface and ambient temperatures are above 50°F (10°C) and below 100°F (38°C) during application and drying period.

COVERAGE

250-400 ft² (23-37 m²) per 5-gallon pail (19 L). Coverage will vary depending on application technique and surface conditions.

SHELF LIFE

24 months, if properly sealed and stored.

STORAGE

Protect from extreme heat (100°F/38°C), freezing and direct sunlight.

HEALTH AND SAFETY

- Product is water based.
- Wash hands with water thoroughly after handling.
- Wear protective gloves, protective eyewear, and protective clothing.
- Causes skin and eye irritation.
- Immediately flush eyes with clean water until contaminant is gone. Immediately wash skin with plenty of soap and water until skin is free of contaminant.
- Get medical attention if needed.
- If swallowed, get immediate medical help.