

MOJAVE E™ FINISH

DS706

Textured, 100% Acrylic-Based Dirt Pickup Resistant Finish Containing Recycled Material

Description

Mojave E finish is a lightweight, premixed 100% acrylic-based coating, which contains 20% by volume of post-consumer recycled material. It is offered in standard colors as well as custom colors in Dryvit's Pastel and Mid-base formulations. Packaged in pails weighing nearly half the weight of standard finishes, Mojave E yields the same coverage.

Uses

The finish is durable and provides surface color and texture for Dryvit systems. The finish can also be applied over other properly prepared substrates such as exterior masonry, stucco, precast or cast-in-place concrete. The finish is also suitable for interior applications. It can be trowel applied or spray applied with a hopper gun or pole gun-type sprayer.

Coverage

Mojave E is shipped in 18 kg (40 lb) pails and yields coverage of 120 sq ft/pail. The coverage is approximate and depends upon substrate, details and individual application technique.

Texture

Mojave E produces a uniform, pebbly, appearance. The texture is achieved by the aggregate as well as the trowel motion in finishing the wall.

Properties

Drying Time – Drying of the finish is dependent on the air temperature, relative humidity and finish thickness. Under

average drying conditions [21 °C (70 °F), 55% R.H.], the finish will dry in 24 hours. Lower temperature and higher humidity will require that the Mojave E finish be protected for longer periods. Protect work from rain during the drying period.

Water Vapor Transmission (ASTM E 96) Permeable to water vapor.

Moisture Resistance (ASTM D 2247) 14-day exposure. No deleterious effects.

Salt Spray Resistance (ASTM B 117) 500 hours. No deleterious effects

Accelerated Weathering (ASTM G 155 Cycle 1) 5000 hours. No deleterious effects.

Freeze/Thaw Resistance (ASTM E 2485 Method A) 60 cycles. No deleterious effects.

Tensile Adhesion (ASTM C 297 / ASTM E 2134) Minimum 15 psi; no failure in finish.

Wet Scrub Resistance (ASTM D 2486) No cracking, checking or loss of film integrity – 2,000 scrub cycles.

Mildew Resistance (ASTM D 3273) Passes.

Flame Spread (ASTM E 84) <25, Class I.

Mandrel Bend: (ASTM D 522) Passes 1/2 in at 21 °C (70 °F) and 1 in at 4 °C (40 °F).

Application Procedure

Job Conditions - Air and surface temperature for application of Mojave E must be 4 °C (40 °F) or higher and must remain so for a minimum of 24 hours.

Temporary Protection - Shall be provided at all times until the Mojave E finish is dry, and installation of permanent flashings, sealants, etc. are installed to protect the wall from inclement weather and other sources of damage.

Surface Preparation

- Surface must be smooth and free of imperfections to ensure satisfactory appearance.
- Interior and exterior surfaces must be above 4 °C (40 °F) and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds.
- **Dryvit Reinforced Base Coat:** The base coat must dry and cure for a minimum of 24 hours before application of any finish.
- **Concrete:** Shall have cured a minimum of 28 days prior to application of the finish. If efflorescence, form release agents or curing compounds are present on the concrete surface, the surface shall be thoroughly washed with muriatic acid and flushed to remove residual acid. All projections shall be removed and small voids filled with Dryvit Primus®, Primus® DM™, Genesis® or Genesis® DM™ mixture (see product data sheet for mixing and application). Dryvit Color Prime™ shall be applied to the prepared concrete surface using a roller or brush (see product data sheet for mixing and application) prior to application of the finish.

- **Masonry:** The masonry surface, with joints struck flush, shall be skimmed with Primus, Primus DM, Genesis or Genesis DM mixture (see product data sheet for mixing and application) to produce a smooth, level surface.
- **Stucco:** Dryvit Color Prime, Color Prime W or Primer with Sand™ shall be applied over the cured brown coat surface using a roller or brush (see product data sheet for mixing and application) prior to applying the finish. If additives are present in the stucco, a test patch shall be made and bond strength checked prior to application.

Mixing – Some settling of the Mojave E finish may occur during shipping. Thoroughly mix Dryvit finish with a “Twister” paddle or equivalent mixing blade powered by a 12.7 mm (1/2 in) drill, 450-500 rpm until a uniform workable consistency is attained. It should not be necessary to add water. If a looser workability is desired after mixing, add no more than 2 ounces of water per pail. Add equivalent amounts of water to every pail.

Application – Using a stainless steel trowel, apply an even coat to a thickness slightly thicker than the largest aggregate size. Using a plastic float, lightly texture the finish to a uniform appearance. Best results are achieved using less pressure when troweling and floating than with standard full weight finish.

Clean Up - Clean tools with water while the finish is still wet.

Maintenance - All Dryvit products are designed to require minimal maintenance. However, as with all building products, depending on location, some cleaning may be required. See Dryvit publication DS152 on cleaning and recoating.

Storage

Finish must be stored at a minimum of 4 °C (40 °F) and maximum of 38 °C (100 °F) in tightly sealed containers out of direct sunlight. In warm storage conditions, the bucket lid may bulge slightly. This is due to thermal expansion of air within the finish and is not harmful to the finish or the pails.

Cautions and Limitations

- Finish must not be used on exposed exterior horizontal surfaces. Minimum slope is 6:12 (which is 27°) and length shall not exceed 305 mm (12 in).
- Mojave E shall not be used below grade when applied as the finish for an EIF system.
- Dryvit finishes are not intended for direct-applied, vertical applications over any type exterior gypsum based sheathing board, foam plastic insulation or other type insulation board.
- Mojave E shall not be returned into any sealant joint. A coat of Color Prime or Dryvit Demandit® should be applied over the base coat in the joint.
- Minimize exposure of Mojave E to temperatures over 32 °C (90 °F).
- Mojave E exposed to temperatures over 43 °C (110 °F) for even short periods may exhibit skinning, increased viscosity, and should be inspected prior to use.
- Mojave E is not available in colors formulated with Dryvit's Accent Base.

Technical and Field Service

Available on request.

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