

Exterior and Interior Quartz Aggregate Finish

Description

Stone Mist is a natural finish that accents the environment in subtle tones and enhances any exterior or interior wall. Special aggregates pick up the natural sunlight reflecting the glitter and beauty of only the rarest of stones. Colored quartz aggregate finish is set in a 100% acrylic binder. Stone Mist is offered in ten custom designed colors.

Uses

Stone Mist is a durable finish for all Dryvit systems. It may also be applied over properly prepared substrates such as exterior masonry, stucco, precast or cast-in-place concrete and other approved substrates. Stone Mist is also ideal for interior applications.

Coverage

Will vary, depending upon substrate, details and individual application technique. When spray applied, coverage of 7 m² (75 ft²) per pail (includes both coats) achieves best results and overall appearance.

Properties

Drying Time - The drying time for Stone Mist is dependent upon the air temperature and relative humidity. Under average drying conditions [21 °C (70 °F), 55% RH], protect work from rain for at least 24 hours.

Water Vapor Transmission

(ASTM E 96) - Stone Mist is permeable to moisture vapor.

Moisture Resistance

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

Salt Spray Resistance

(ASTM B 117) - 300 hours. No deleterious effects.

Accelerated Weathering

(ASTM G 155) - 5000 hours. No deleterious effects.

Mildew Resistance

(Mil Std 810B) - Passes.

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

Application Procedure

Job Conditions - Air and surface temperature for application of Stone Mist 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 base coat, finish and permanent flashings, sealants, etc. are completed to protect the wall from weather and other damage.

Surface Preparation - Surface must be smooth and free of imperfections to ensure satisfactory appearance. Interior and exterior surfaces must not be below 4 °C (40 °F) or painted and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds. Interior painted surfaces must be lightly sanded before application of Color Prime.

Dryvit Reinforced Base Coat:

The base coat must cure a minimum of 24 hours before application of Color Prime and Stone Mist.

Concrete: Shall have fully cured prior to application of Color Prime and Stone Mist. 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 Genesis® base coat.

Masonry: The masonry surface, with joints struck flush, shall be "skim coated" with Genesis base coat to produce a smooth, level surface.

Stucco: Color Prime and Stone Mist shall be applied over the cured brown coat. If additives are present in the stucco, a test patch shall be made and bond strength checked prior to application.

Mixing - Mix the Stone Mist for 1 to 1-1/2 minutes to ensure uniformity using a Goldblatt Jiffler



Mixer powered by a 13 mm (1/2 in) drill, 400-500 RPM, just prior to application.

Application - Color-coordinated Color Prime shall be applied to all substrates a minimum of four hours prior to the application of Stone Mist (*see chart). Color Prime must be fully dry before Stone Mist is applied. **Stone Mist should be applied by a skilled mechanic experienced in the spraying and troweling of aggregate finishes.** First apply a tight coat of Stone Mist finish with a stainless steel trowel. This coat must be free of trowel lines, voids and imperfections.

Spray additional Stone Mist finish directly to the wet trowel coat to avoid bounce-back and to achieve a smooth, even finish. Spray left to right, then double back with an up-and-down motion. Allow the Stone Mist to thoroughly dry for a minimum of 24 hours under average drying conditions [21 °C (70 °F), 55% R.H.]. On interior applications, Stone Mist may be left troweled should a flatter texture be desired. Care must be taken to eliminate small trowel lines, voids and imperfections.

Sealer: -Should additional Dirt Pickup Resistance be desired, a coat of SealClear™ may be applied either by spray or roller.

Clean Up - Clean tools with water while Stone Mist is still wet.

Stone Mist®

DS420

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

Storage

Stone Mist must be stored at 4 °C (40 °F) or above in tightly sealed containers out of direct sunlight.

Cautions and Limitations

- Stone Mist must not be used on exposed exterior horizontal surfaces. Minimum slope is 150 mm (6 in) in 300 mm (12 in), which is 27°. Maximum

length of slope is 300 mm (12 in).

- Stone Mist shall be applied at a minimum thickness of 3.2 mm (1/8 in) but not greater than 4.8 mm (3/16 in).
- Stone Mist shall not be used below grade.
- Minor color deviation will occur due to natural aggregate and variations in raw materials. To achieve the best color results, material from the same batch number should be applied to a specific wall section. Therefore, check batch numbers before applying materials. Spray technique can also affect final color. Orifice size, pressure, application thickness and the distance of the spray gun to the

substrate should remain constant in order to achieve uniform appearance.

- Stone Mist should not be returned into any sealant joint. Instead, a coat of Color Prime or Demandit® should be applied over the base coat in the joint.
- A minimum 2.4 m x 2.4 m (8 ft x 8 ft) area of actual project or mock-up wall shall be coated by the applicator/contractor with the Stone Mist finish to establish acceptance by the owner, architect or project manager.
- Stone Mist must never be used alone on exterior applications over any type of gypsum board, foam plastic insulation or other type insulation board.

Stone Mist Colors		Coordinating Color Prime Colors	
101	Castle Gray	104	Dover Sky
102	Wedgwood Gray	103	Natural White
103	Moon Glow	127	Newport Mist
104	Desert	117	Colonial Tan
105	Cinnamon Toast	379A	Whisper
106	Winter Moon	127	Newport Mist
107	Stone Mountain	114	Mauve
108	Morning Fog	104	Dover Sky
109	Golden Sunrise	112	Sandalwood Beige
110	Canyon Valley	382	Tamale

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