

STONE MIST FINISHES

Exterior Quartz Aggregate Finish

DS.EN.04.52.03



PRODUCT DESCRIPTION

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

FEATURES & BENEFITS

FEATURE	BENEFIT
• Acrylic based finish	Good dirt repellence and reduced algal growth
• Wide colour range of natural aggregates	Decorative and visually pleasing
• Vapour permeable	Allows vapour transmission

STONE MIST COLOURS



Castle Gray 101SM



Wedgwood Gray 102SM



Moon Glow 103SM



Desert 104SM



Cinnamon Toast 105SM



Winter Moon 106SM



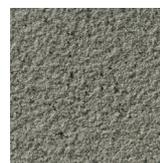
Stone Mountain 107SM



Morning Fog 108SM



Golden Sunrise 109SM



Canyon Valley 110SM

USES

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

PACKAGING

The finish is shipped in 23 kg pails.

COVERAGE

When spray applied Stone Mist coverage is 2.8 - 3.5 kg/m² (two coats), equivalent to 6.6 - 8.2m² per pail.

All coverages are approximate and depend upon substrate profile, details and individual application technique. Estimate takes no account of wastage.



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COORDINATING PRIMER

Stone Mist Colours		Coordinating Color Prime or Color Prime Plus Colours	
101SM	Castle Gray	104	Dover Sky
102SM	Wedgwood Gray	104	Dover Sky
103SM	Moon Glow	524	Gray Fox
104SM	Desert	383	Honey Twist
105SM	Cinnamon Toast	113	Amarillo White
106SM	Winter Moon	531	Pearl Gray
107SM	Stone Mountain	114	Mauve
108SM	Morning Fog	103	Natural White
109SM	Golden Sunrise	112	Sandlewood Beige
110SM	Canyon Valley	382	Tamale

PROPERTIES

Drying time - the drying of the finish is dependent on the air temperature, relative humidity and coating thickness. Under average drying conditions 20°C, 55% RH, protect work from rain for at least 48 hours. Lower temperatures and higher humidities will require that the finish be protected for longer during the drying period.

Temporary protection - during application and until the finish is completely dry, it must be protected against adverse weather conditions (strong wind, rain, high temperature, sunshine, fog, etc.).

PREPARATION

Surface Preparation: Surfaces must be smooth, clean, dry, structurally sound and free of efflorescence, grease, loose paint, oil, form release agents and curing compounds. Air and surface temperature for application of finish must be from 7°C to 38°C and must remain so for a minimum of 48 hours. It is recommended to paint the surface with Color Prime or Color Prime Plus before applying the finish.

Dryvit Reinforced Base Coat: The base coat must be dry and cured for a minimum of 24 hours before application of primer and finish.

Concrete: Shall have cured a minimum of 28 days prior to application of the finishes. If efflorescence, from release agents or curing compounds are present on the concrete surface, the surface shall be thoroughly washed with Dryvit Efflorescence Remover or equivalent product and flushed to remove residual acid. All projections shall be removed and small voids filled with Genesis, Genesis DM Plus or Fibercoat (see product data sheets for mixing and application) prior to the application of the finish.

Masonry: The masonry surface, with joints struck flush, shall be "skim coated" with Genesis, Genesis DM Plus or Fibercoat (see product data sheets for mixing and application) to produce a smooth, level surface. The skim coat must be dry and cured for a minimum of 24 hours before application of the primer and finish.

Render: Primer and finish shall be applied over the cured render. If additives are present in the render, a test patch shall be made and bond strength checked prior to application.

MIXING

Some settling of the finish may occur during shipping. Thoroughly mix the finish with a slow speed drill (450-500 rpm) and paddle until a uniform workable consistency is attained (approximately 1 min). Care should be taken not to over mix the finish.

STORAGE

Store in sealed original packaging, in dry conditions at temperatures between 4°C and 38°C, for a maximum of 24 months from the production date indicated on the packaging. Protect the packaging against damages and direct impact of atmospheric conditions and moisture.

CAUTIONS & LIMITATIONS

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

Stone Mist shall be applied at a minimum thickness of 1.6 mm, but not greater than 3.2 mm.

Stone Mist shall not be used below grade when applied as the finish for an EWI system.

Minor colour deviation will occur due to the natural aggregate and variations in raw materials. It is strongly recommended that when ordering this finish for a particular project, all pails required to complete that project are of the same pail size and ordered at the same time. To achieve the best colour 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 colour. Orifice size, pressure, application thickness and the distance of the spray gun from the substrate should remain constant in order to achieve uniform appearance.

Stone Mist shall not be returned into any sealant joint. Instead, a coat of Color Prime or Demandit shall be applied over the base coat in the joint.

A site mock-up of sufficient size 2.5 x 2.5 m is strongly recommended for final approval. The final finished look will not be completely uniform in colour or texture, thus simulating natural stone. It is recommended that experienced plasterers familiar with ultra-smooth or interior slick finishes be used for application to establish acceptance by the owner, architect or project manager.

Stone Mist is not intended for direct-applied, vertical applications over exterior gypsum based sheathing, foam plastic insulation or other type insulation board.



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APPLICATION

Colour-coordinated Color Prime and Color Prime Plus (*see chart) shall be applied to all substrates a minimum of four hours prior to application of Stone Mist. Color Prime or Color Prime Plus must be fully dry before Stone Mist is applied. Stone Mist should be applied by a skilled applicator experienced in the spraying 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 20°C, 55% R.H.

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

MAINTENANCE

Stone Mist can be washed using suitable fungicidal wash. After application the washed surface should be rinsed with water. Maximum cleaning pressure -120 atmospheres. The distance of the washing nozzle from the wall should be 0.4-0.5 m.

CLEANING

All equipment must be washed with clean water immediately after use and while the finishes are still wet. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

HEALTH & SAFETY

For information on handling the product, storage and disposal refer to the current safety data sheet (SDS) available at www.dryvit.co.uk.

FURTHER INFORMATION - Refer to Application Instructions and the product Safety Data Sheet.

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Dryvit UK Ltd. products as of the date of publication of this document and is presented in good faith. Dryvit UK Ltd. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit UK Ltd.

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