

Ameristone™

DS434

100% Acrylic-Based Finish with Multi-Colored Quartz Aggregates
IMPROVED - NO SEALER REQUIRED!

Description

Ameristone... rock solid and beautiful, provides the architect and designer with a new level of durability and performance in an elegant architectural stone finish. Ameristone is a dramatic blend of natural aggregates varying in size and color, encased in a clear, 100% acrylic binder.

Benefits

Ameristone is ready mixed and has excellent color retention. It is vapor permeable, and is now even more resistant to dirt pickup, mildew growth and UV degradation.

Uses

Ameristone is recommended for use with any of Dryvit's exterior insulation systems. It can also be used as a finish over properly prepared stucco, concrete and masonry substrates. Ameristone is an exterior and interior finish that is suitable for all building types.

Coverage

The recommended coverage is 5.1-6 m² (55-65 ft²) per 19 L (5 gal) pail. Coverage will vary depending upon the texture and appearance desired. Ameristone must never be sprayed greater than 3.2 mm (1/8") thick in a single coat.

Properties

Drying Time - The drying time of Ameristone is dependent upon the air temperature and relative humidity. Under average drying conditions 21 °C (70 °F), 55% R.H., protect work from rain for at least 48 hours.

Water Vapor Transmission (ASTM E96) - Ameristone is permeable to moisture vapor.

Moisture Resistance (ASTM D2247) - 14-day exposure. No deleterious effects.

Salt Spray Resistance (ASTM B117) - 300 hours. No deleterious effects.

Accelerated Weathering (ASTM G155) - 5000 hours. No deleterious effects.

Mildew Resistance (Mil Std 810B) - Passes.

Flame Spread (ASTM E84) - <25, Class 1.

Application Procedure

Job Conditions - Air and surface temperature for application of Ameristone must be 10 °C (50 °F) or higher and must remain so for a minimum of 48 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 be above 10 °C (50 °F) and must be clean, dry, structurally sound and free of efflorescence, grease, loose paint, 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 Ameristone.

Concrete: The concrete shall have fully cured prior to application of Color Prime and Ameristone. 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 Ameristone 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 Ameristone for 1 minute to ensure uniformity using a Goldblatt Jiffier Mixer powered by a 1/2" drill, 400-500 RPM, just prior to application. DO NOT OVERMIX.

Application - Color-coordinated Color Prime shall be applied to all substrates a minimum of four hours prior to application of Ameristone. Color Prime must be fully dry before Ameristone is applied. **Ameristone should be applied by a skilled mechanic experienced in the spraying of aggregate finishes.**

Apply two coats (one horizontally, one vertically) to achieve uniformity. Refer to Ameristone application instructions, DS142, for full details. Allow the Ameristone to thoroughly dry for a minimum of 48 hours under average drying conditions 21 °C (70 °F), 55% R.H.]. Do not apply Ameristone on surfaces which will receive sealant. Those surfaces shall be coated with color-coordinated Color Prime.

Clean Up - Clean tools with water while Ameristone is still wet.



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

Ameristone must be stored at 10 °C (50 °F) or above in tightly sealed containers out of direct sunlight.

Cautions and Limitations

- Ameristone must not be used on exposed exterior horizontal surfaces. Minimum slope is 150 mm (6") in 350 mm (12") (27°). Maximum length of slope is 350 mm (12").
- Ameristone shall be applied at a minimum thickness of 3.2 mm (1/8") but not greater than 4.8 mm (3/16").
- Ameristone shall not be used below grade.
- Minor color deviation will occur due to the 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.
- A minimum 2.4 m x 2.4 m (8' x 8') area of actual project or mock-up wall shall be coated by the applicator/contractor with the Ameristone finish to establish acceptance by the owner, architect or project manager.
- Ameristone must never be used alone on exterior applications over any type of gypsum board, foam plastic insulation or other type insulation board.

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