

SANDPEBBLE NT™ & SANDPEBBLE FINE NT™ DS459

Aggregate Textured 100% Acrylic-Based Dirt Pickup Resistance Finishes

Description

Sandpebble NT™ and Sandpebble Fine NT™ are 100% acrylic-based finishes which are offered in standard and custom colors. They are specially formulated to improve blister resistance and to improve application characteristics that develop uniform texture and appearance more easily. The finishing touch that adds lasting color and texture to exterior and interior walls. Dryvit finishes will remain cleaner longer with improved dirt pickup resistant chemistry. Dryvit PMR (Proven Mildew Resistance) is also available.

Uses

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

Coverage

Coverages are approximate and depend upon substrate, details and individual application technique. The finishes are shipped in 70 lb (32 kg) pails. Sandpebble NT: Approximately 130 ft² (12 m²) per pail. Sandpebble Fine NT: Approximately 160 ft² (15 m²) per pail.

Texture

The finishes achieve a texture, which is governed by aggregate size as well as the trowel motion in finishing the wall. Sandpebble NT produces a rough, pebbly texture, which is ideal for masking surface imperfections. Sandpebble Fine NT produces a fine pebble texture.

Properties

Drying Time - Drying of the finishes is dependent on the air temperature, relative humidity and coating thickness. Under average drying conditions [70 °F (21 °C), 55% R. H.], protect work from rain for at least 24 hours.

Water Vapor Transmission:

(ASTM E 96) - The Dryvit finishes are permeable to water vapor.

Moisture Resistance:

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

Mildew Resistance:

(ASTM D 3273) – No growth supported after 28 day exposure.

Salt Spray Resistance:

(ASTM B 117) - No deleterious effects 500 hours exposure.

Freeze-Thaw Cycle Testing:

(EIMA 101.1; modified ASTM C 67) - No deleterious effects after 70 freeze-thaw cycles on Genesis® base coat.

Tensile Bond Adhesion Testing:

(EIMA 101.03; modified ASTM C 297) - Adhesion test results in psi with finishes on Genesis before and after 70 freeze-thaw cycles. SP NT: 26 psi before exposure, 28 psi after exposure; SPF NT: 31 psi before exposure, 31 psi after exposure.

Tensile Bond Adhesion Testing:

(EIMA 101.03; modified ASTM C 297) - Adhesion test results in psi with finishes on Genesis before and after 5000 hours exposure. SP NT: 25 psi before exposure, 24 psi after exposure; SPF NT: 25 psi before exposure, 21 psi after exposure.

Accelerated Weathering:

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

Flame Spread:

(ASTM E 84) – <25, Class 1.

Application Procedure

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

Temporary Protection - Shall be provided at all times until the base coat, finish and permanent flashings, sealants, etc. are completed 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 or exterior surfaces must be above 40 °F (4 °C) 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 finishes. 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 sheets 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 "skim coated" with Primus, Primus DM, Genesis or Genesis DM mixture (see product data sheets 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 finish may occur during shipping. Thoroughly mix the finish with a "Twister" paddle or equivalent mixing blade powered by a 1/2 in (12.7 mm) drill, 450-500 rpm, until a uniform workable consistency is attained.

Application - Using a stainless steel trowel, roughly apply an even coat of the finish to a thickness slightly thicker than the largest aggregate size. Then pull across the rough application coat using a

horizontal trowel motion and develop a uniform thickness no greater than the largest aggregate of the material.

Clean Up - Clean tools with water while the finishes are 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

Finishes must be stored at 40 °F (4 °C) and a maximum of 100 °F (38 °C) in tightly sealed containers protected from weather and out of direct sunlight.

Cautions and Limitations

- Avoid applying finish in direct sunlight. Always work on the shady side of the wall or protect the area with appropriate shading material.
- Dryvit finishes must not be used on exposed exterior horizontal surfaces. Minimum slope is 6 in 12, which is 27°. Maximum length of slope is 12 in (305 mm)
- Dryvit finishes 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 exterior type of gypsum based sheathing board, foam plastic insulation or other type insulation board.

- Finishes shall not be returned into any sealant joint or other areas that will be in direct contact with sealant. Instead a coat of Color Prime or Demandit® Smooth should be applied over the base coat in the joint.

Technical and Field Services

Available on request.

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