

SANDPEBBLE NT™ & SANDPEBBLE FINE NT™

DSC459

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 32 kg (70 lb.) pails. Sandpebble NT: Approximately 12 m² (130 ft²) per pail. Sandpebble Fine NT: Approximately 15 m² (160 ft²) 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 [21 °C (70 °F), 55% R. H.], protect work from rain for at least 24 hours.

Water Vapor Transmission:

(ASTM E96) - The Dryvit finishes are permeable to water vapor.

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

Mildew Resistance: (ASTM D3273) - No growth supported after 28 day exposure.

Salt Spray Resistance: (ASTM B117) - No deleterious effects 500 hours exposure.

Freeze-Thaw Cycle Testing: (EIMA 101.1; modified ASTM C67) - No deleterious effects after 70 freeze-thaw cycles on Genesis® base coat.

Tensile Bond Adhesion Testing: (EIMA 101.03; modified ASTM C297) - 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 C297) - 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 G155) - No deleterious effects after 5000 hours exposure.

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

Application Procedure

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

Surface Preparation: 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.

Dryvit Reinforced Base Coat: The base coat must 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 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 Primus®, Primus DM™, Genesis® or Genesis DM™ mixture. Dryvit Color Prime™ shall be applied to the prepared concrete surface using a roller or brush.

Masonry: The masonry surface, with joints struck flush, shall be "skim coated" with Primus, Primus DM, Genesis or Genesis DM mixture to produce a smooth, level surface.

Stucco: Finishes shall be applied directly to 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 - Thoroughly mix Dryvit finish with a Goldblatt Jiffler Mixer or 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 be virtually maintenance free. However, as with all building products, depending on location, some cleaning may be required. See Dryvit publication DSC152 on cleaning and recoating.

Storage

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

Cautions and Limitations

Finishes must not be used on exposed exterior horizontal surfaces. Minimum slope is 150 mm (6") in 300 mm (12"), which is 27°. When used below grade, backfill with well draining materials. Do not use as waterproofing. Dryvit finishes must never be used alone in an exterior application over any type of gypsum board, foam plastic or other insulation board. Finishes shall 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.

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