

## Patented, Aggregate Textured 100% Acrylic-Based Dirt Pickup Resistance Lightweight Finishes

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### Description

Quarzputz **E**, Sandpebble **E** and Sandpebble Fine **E** finishes are lightweight, premixed 100% acrylic-based coatings, which are offered in standard colors as well as custom colors. Packaged in pails weighing nearly half the weight of standard finishes, the **E** finishes allow for far greater ease of application at the same coverage rates and the same high performance as all Dryvit finishes. They also provide greater flexibility than standard acrylic finishes.

### Uses

The finishes are durable and provide surface color and texture for Dryvit systems. These finishes can also be applied over other properly prepared substrates such as exterior masonry, stucco, precast or cast-in-place concrete. 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

All coverages are approximate and depend upon substrate, details and individual application technique. The finishes are shipped in 18 kg (40 lb) pails. Quarzputz **E**: Approximately 11 m<sup>2</sup> (120 ft<sup>2</sup>); Sandpebble **E**: Approximately 12 m<sup>2</sup> (130 ft<sup>2</sup>) per pail. Sandpebble Fine **E**: Approximately 15 m<sup>2</sup> (160 ft<sup>2</sup>) per pail.

### Texture

**E** finishes achieve a texture, which is governed by aggregate size as well as the trowel motion in finishing the wall. Quarzputz **E** produces a rilled pattern in a regular or random style. Sandpebble **E** produces a rough, pebbly texture, which is ideal for covering surface imperfections. Sandpebble Fine **E** produces a fine pebble texture and may be offered where a Sandblast® texture is specified.

### 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 for at least 24 hours.

**Water Vapor Transmission** (ASTM E96) The Dryvit finishes are permeable to water vapor.

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

**Salt Spray Resistance** (ASTM B117) 500 hours. No deleterious effects

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

**Freeze/Thaw Resistance** (EIMA 101.01) 60 cycles – no deleterious effects.

**Tensile Adhesion** (EIMA 101.03) Minimum 5 psi; no failure in finish.

**Wet Scrub Resistance** (ASTM D2486) No cracking, checking or loss of film integrity – 2,000 scrub cycles.

**Mildew Resistance** (ASTM D3273) - Passes.

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

**Mandrel Bend:** (ASTM D522) – Passed ½" at 21 °C (70 °F) and 1" at 4 °C (40 °F).

### 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 to the properly primed, cured brown coat. 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 **E** finish may occur during shipping. Thoroughly mix Dryvit finish with a Goldblatt Jiffler Mixer or until a uniform workable consistency is attained. It should not be necessary to add water. If a looser workability is desired after mixing, add no more than 2 ounces of water per pail of any **E** finish.

**Application** – Using a stainless steel trowel, apply and level a coat of Quarzputz **E** to a uniform thickness, no thicker than largest aggregate. For Sandpebble **E** or Sandpebble Fine **E**, roughly apply

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an even coat to a thickness slightly thicker than the largest aggregate size. Using a plastic float, lightly texture the finish to a uniform appearance. Best results are achieved using less pressure when troweling and floating than with standard full weight finishes.

**Note: With Quarzputz E, it is even more critical to use a light touch when troweling and floating the material in order to produce a uniform rilled texture. Allow a little extra time for the material to take up before floating**

**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 DS152 on cleaning and recoating.

### Storage

Finishes must be stored at a minimum of 4 °C (40 °F) and maximum of 38 °C (100 °F) in tightly sealed containers out of direct sunlight. In warm storage conditions, the bucket lid may bulge slightly. This is due to thermal expansion of air within the finish and is not harmful to the finish or the pails.

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### Cautions and Limitations

Finishes must not be used on exposed exterior horizontal surfaces. Minimum slope is 150 mm (6") in 300 mm (12") 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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