

Description

Weatherlastic is a line of textured finishes that are 100% acrylic, utilizing DPR (Dirt Pickup Resistant) chemistry and an elastomeric binder to bridge hairline cracks. Weatherlastic is available in four distinct textures. Weatherlastic Quarzputz®, Weatherlastic Sandpebble™, Weatherlastic Sandpebble Fine, and Weatherlastic Adobe achieve textures which are governed by aggregate size as well as the trowel motion in finishing the wall. Quarzputz produces an open-textured pattern in a regular or random style; Sandpebble trowels to a pebble texture; Sandpebble Fine produces a fine pebble texture; Adobe trowels to a smooth, fine sand texture.

Uses

Weatherlastic finishes are ideally suited as a protective and decorative coat over stucco, concrete, masonry, CMU and EIFS substrates.

Coverage

All coverages are approximate and depend on substrate, details and individual application technique. Weatherlastic Quarzputz:

Approximately: 13 m² (140 ft²) per 32 kg (70 lb.) pail.

Weatherlastic Sandpebble Approximately 12 m² (130 ft²) per 32 kg (70 lb.) pail.

Weatherlastic Sandpebble Fine: Approximately 14 m² (150 ft²) per 32 kg (70 lb.) pail.

Weatherlastic Adobe:

Approximately 18 m² (190 ft²) per 32 kg (70 lb.) pail.

Properties

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

Water Vapor Transmission

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

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

Abrasion Resistance (ASTM D 968) - 500 liters of sand. No deleterious effects.

Accelerated Weathering (ASTM G 155) - 5000 hours. No deleterious effects.

Freeze/Thaw (60 cycles) - No checking, cracking or splitting.

Mildew Resistance (Mil Std 810B) - Passes.

Flame Spread (ASTM E 84) - <25, Class I.

Mandrel Bend 1/2" - Passes at -30 °C, 0 °C and +30 °C.

Adhesion to Concrete (ASTM D 4541) - 125 psi.

Physical Properties: (ASTM D 412) Tensile Strength - 200 psi.

Elongation - 450% Recovery at 100% Elongation - 90% minimum. **NOTE: These properties are accurate for neat films. Actual results will vary with aggregate size and texture.**

Application Procedure

Job Conditions - Air and surface temperature for application of Weatherlastic finishes must be 4 °C (40 °F) or higher and must remain so for a minimum of 48 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) and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds.

Concrete: Shall have cured a minimum of 28 days prior to application of the coatings. 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 Genesis™, Primus®, Genesis DM or Primus DM mixture. Dryvit Weatherprime™ 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 Genesis, Primus, Genesis DM or Primus DM

mixture to produce a smooth, level surface.

Stucco: Weatherlastic 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. If applied to existing stucco, one coat of Weatherprime should be applied to the brown coat before applying the Weatherlastic finish.

Mixing - Thoroughly mix Weatherlastic finishes with a Goldblatt Jiffler Mixer until a uniform workable consistency is attained.

Application - Weatherlastic Finishes: Using a stainless steel trowel, apply a level coat of Weatherlastic finish to a uniform thickness slightly thicker than the largest aggregate. The texture is achieved by a uniform hand floating motion with a clean stainless steel trowel, plastic trowel or wood float. Apply light pressure in a circular motion. Maintain a wet edge for uniformity of color and texture.

Clean Up - Clean tools with water while the Weatherlastic finish is 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

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