

Interior/Exterior Acrylic PMR Coating in Standard and Custom Colors

Description

The right choice for changing color of an existing Dryvit finish. Demandit, used on a wide range of interior and exterior surfaces, is a 100% acrylic coating, which is offered in a variety of standard colors and custom colors. Demandit contains the most effective ingredients available to help resist mold and mildew growth (PMR).

Uses

Demandit is a durable coating, which may be used to protect and decorate masonry, stucco, wood, primed metal and acrylic-based textured finishes. It is also the recommended finish coating for textured Starter® base coat in the Ultralation® System. Demandit may be used to provide accent stripes or to change the color of Dryvit finishes.

Coverage

The coverage of Demandit on textured surfaces will vary depending upon type of texture, time of exposure, climate, and elevation exposure and conditions. The coverage of the first coat on textured surfaces can vary from 33-74 m² (350-800 ft²) per pail depending upon conditions. The coverage of the second coat on textured surfaces can vary between 42-93 m² (450-1000 ft²) per pail because the surface becomes more sealed and smoother. For best uniformity of appearance, two coats are always recommended for recoating finishes that have been exposed two years or longer. Coverage will be higher on smooth, primed surfaces. A test section is recommended to determine a more accurate coverage rate.

Properties

Drying Time - Drying time of Demandit is dependent on the air temperature and relative humidity. Under average drying conditions

[21 °C (70 °F), 55% R.H.], Demandit is dry to the touch in 1/2 hour and dry to handle or recoat in 2 hours. Protect work from rain for at least 24 hours.

Water Vapor Transmission

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

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

Mildew Resistance (Mil Std 810B) - Passes.

Application Procedure

Job Conditions - Air and surface temperature for application of Demandit must be 7 °C (45 °F) or higher and must remain so for at least 12 hours.

Surface Preparation - Surfaces shall be clean, dry, above 7 °C (45 °F) and free of efflorescence, grease, oil, form release agents and curing compounds. On previously painted surfaces, all loose, peeling and caulking paint must be removed and all gloss must be removed by sanding.

Metal Surfaces: Must be primed with a corrosion resistant primer.

Dryvit Finishes: Freshly applied finishes must dry a minimum of 24 hrs under average drying conditions. Existing Dryvit finishes should be cleaned with Sure Klean 600 or household detergent. Flush wall thoroughly with clean water.

Concrete: Shall have cured a minimum of 28 days prior to application of Demandit. 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, or Genesis® mixture.

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

Stucco: Demandit shall be applied to the textured coat. If additives are present in the stucco, a test patch shall be made and bond strength checked prior to application.

Mixing - Stir Demandit to a smooth, homogeneous consistency. Avoid introducing air into the coating.

Application - Demandit may be applied by brush, roller or airless spray equipment. When applying by roller, a maximum 19 mm (3/4") nap polyester or polyester blend with nylon or lambswool and with beveled ends and a phenolic core is recommended. An 460 mm (18") wide roller frame with

57 mm (2 1/4") inside diameter is also recommended. Plan the work ahead to make sure that proper staging is provided to maintain a wet edge. Apply Dryvit in one continuous coat, maintaining a wet edge as the application proceeds to a natural break. The roller cover must be kept fully loaded as the application proceeds. Do not stretch out the application by rolling with a dry roller. The last leveling roller strokes should always be in the same direction. Do not cut in around openings prior to overall application, but rather, do the cut-in work as the application proceeds. A 100 mm (4") wide roller is recommended for cutting in. Where cutting in, the Demandit may be thinned down with water to prevent excessive build-up.

Application Tips: Application should always be done by an experienced, professional industrial or commercial painting contractor who has a successful track record of coating masonry or EIFS. Lightly misting a surface with water ahead of an application to cool it down can help when application must be done under adverse conditions. The surface should not be saturated with water or overly damp when Demandit is applied. Some surfaces are much more porous than others. Even different elevations on the same building can vary in suction. It is difficult to get an even appearance with one coat if the surface is porous. When changing the color, always use two coats. Do not allow Demandit to dry on roller covers. Roller covers with dried coating do not apply the coating evenly.

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

Storage: - Demandit must be stored at 7 °C (45 °F) or above in tightly sealed containers out of direct sunlight.

Cautions and Limitations: - Do not use as a finish coat directly over any Dryvit polymer-based system reinforced base coat.

Dryvit Systems, Inc.
P.O. Box 1014
One Energy Way
West Warwick, RI 02893
(800) 556-7752
www.dryvit.com

This information conforms to the standard detail recommendations and specifications for the installation of Dryvit Systems, Inc. products as of the date of publication of this document and is presented in good faith. Dryvit Systems, Inc. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit Systems, Inc.

