Demandit™ Smooth/Demandit™ Sanded DSC400

Exterior/Interior Acrylic PMR Architectural Coatings

Description
Demandit Smooth and Demandit Sanded are 100% acrylic coatings, which are offered in a variety of standard and custom colours. Demandit Smooth and Sanded contain the most effective ingredients available to help resist mold and mildew growth (PMR).

Uses
Demandit Smooth and Sanded are durable coatings, which may be used to change the colour of an existing Dryvit or other acrylic textured finish. They can also be used to protect and decorate concrete, masonry, stucco, wood and primed metal.

Coverage
Demandit Smooth and Sanded are supplied in a 19 L (5 gal.) pail. Coverage will vary depending upon substrate, surface texture, environmental conditions and application technique.
Coverage for Demandit Smooth
The first coat on textured surfaces can vary from 33-74 m^2 (350-800 ft^2) per pail depending upon conditions. The coverage of the second coat on textured surfaces can vary between 42-93 m^2 (450-1000 ft^2) per pail because the surface becomes more sealed and smoother. The resulting coverage for two coats of Demandit Smooth is 20-45 m^2 (210-480 ft^2) per pail.
Coverage for Demandit Sanded
The first coat on textured surfaces can vary from 28-46 m^2 (300-500 ft^2) per pail depending upon conditions. The coverage of the second coat on textured surfaces can vary between 37-56 m^2 (400-600 ft^2) per pail. The resulting coverage for two coats of Demandit Sanded is 19-27 m^2 (200-290 ft^2) per pail because the surface becomes more sealed and smoother.

For best uniformity of appearance, two coats of either Demandit Smooth or Demandit Sanded are recommended. 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 Smooth and Sanded is dependent on the air temperature and relative humidity. Under average drying conditions [21 °C (70 °F), 55% R.H.], Demandit Smooth and Sanded are dry to the touch in 1/2 hour and ready to recoat in 2 hours. Protect work from rain for at least 24 hours.

Water Vapor Transmission
(ASTM E 96) - The Dryvit finishes are permeable to water vapor.
Accelerated Weathering
(ASTM G 155) - 5000 hours. No deleterious effects.
Mildew Resistance (ASTM D 3273) - Passes.

Application Procedure
Job Conditions - Air and surface temperature for application of Demandit Smooth and Sanded 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 chalking paint must be removed and all gloss must be removed by sanding. Clean substrate with household detergent. Flush wall thoroughly with clean water. Prime porous surfaces with one coat Dryvit Color Prime™. Concrete block shall be coated with a suitable block filler.

- **Metal Surfaces**: Must be primed with a corrosion resistant primer.
- **Dryvit Finishes**: Freshly applied finishes must dry a minimum of 24 hours under average drying conditions. Existing Dryvit finishes should be cleaned prior to painting. See Dryvit publication, DSC152, for recommended procedures.
- **Concrete**: Shall have cured a minimum of 28 days. Apply Color Prime and allow to dry prior to application of Demandit Smooth and Sanded. 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, Genesis, or Genesis DM mixture to produce a smooth, level surface.
- **Stucco**: Apply Color Prime and allow to dry prior to application of Demandit Smooth and Sanded 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
Demandit Smooth: Stir to a smooth, homogeneous consistency. Avoid introducing air into the coating. **Demandit Sanded:** Thoroughly mix with a Goldblatt Jiffler Mixer until a uniform workable consistency is attained.

Application – Demandit Smooth and Sanded may be applied by brush, roller, or spray equipment. When applying by roller, a maximum 12.7 mm (1/2 in) – 19 mm (3/4 in) nap rollers with polyester or polyester blend with nylon or lambswool and with beveled ends and a phenolic core are recommended. For larger walls an 460 mm (18 in) wide roller frame with 57 mm (2 1/4 in) inside diameter is also recommended. Plan the work ahead to make sure that proper

staging is provided to maintain a wet edge. Apply in a 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 in) wide roller is recommended for cutting in. Where cutting in, the Demandit Smooth and Sanded may be thinned down with a small amount of 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. Any water on the surface of the substrate should be allowed to flash off before applying Demandit Smooth or Sanded. It is always recommended to apply 2 coats to achieve a uniform appearance and minimize roller marks, especially over porous substrates. Drying conditions will affect final appearance, therefore, always apply Demandit Smooth or Sanded to a natural break.

Clean Up - Clean tools with water while Demandit Smooth and Sanded are still wet.

Storage – Demandit Smooth and Sanded 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 Outsulation® System base coat.

Technical and Field Services
Available upon request.

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