

DEMANDIT SMOOTH

Interior/Exterior Acrylic PMR Coating in Standard and Custom Colours



PRODUCT DESCRIPTION

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

FEATURES & BENEFITS

FEATURE	BENEFIT
• Extensive colour range	Colour match to full Dryvit finish range
• Mildew resistant	Does not sustain mould growth
• Vapour permeable	Allows vapour transmission
• 100% Acrylic	Extends the life of recoated surfaces

PROPERTIES

Drying Time – drying of the finishes is dependent on the air temperature, relative humidity and coating thickness. Under average drying conditions 20°C, Demandit Smooth is dry to the touch in 30 minutes and ready to recoat in two hours. At lower temperature and higher humidity, the drying time can be longer. Protect work from rain for at least 24 hours after application.

Temporary Protection – Shall be provided at all times until the base coat, finish, permanent flashings sealants, etc. are completed to protect the wall from weather and other damage.

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USES

Demandit Smooth is a durable coating which may be used to protect and decorate masonry, sand cement render, wood, primed metal and acrylic-based textured finishes. It is also used to provide accent stripes or to change the colour of Dryvit finishes.

COLOURS

Available in standard colours as well as custom colours.

PACKAGING

Demandit Smooth is shipped in 17.36 kg pails.

COVERAGE

Two coat application on a textured surface 19-42 m² per pail.

Estimates take no account of wastage. Coverage is approximate and depends upon substrate profile, substrate porosity and individual application technique. A test section is recommended to determine a more accurate coverage rate.



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PREPARATION

Wall surfaces shall be clean, dry, structurally sound, above 7°C and free of efflorescence, grease, oil, form release agents and curing compounds. Surfaces must be smooth and free of imperfections to ensure satisfactory finish appearance. On previously painted surfaces, all loose, peeling and chalking 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 be left to dry a minimum of 24 hours under average drying conditions. Existing Dryvit finishes should be cleaned in accordance with Dryvit's recommendations prior to painting.

Concrete: Shall have cured a minimum of 28 days prior to application of the finishes. If efflorescence, form release agents or curing compounds are present on the concrete surface, the surface shall be thoroughly washed with Dryvit Efflorescence Remover and flushed to remove residual acid. All projections shall be removed and small voids filled with Dryvit Genesis or Genesis DM Plus (see product data sheets for mixing and application). Dryvit Color Prime or Color Prime Plus shall be applied to the prepared concrete surface (see product data sheet for mixing and application) prior to application of the finish.

Masonry: The masonry surface, with joints struck flush, shall be "skim coated" with Genesis or Genesis DM Plus (see product data sheets for mixing and application) to produce a smooth, level surface.

Render: Dryvit Color Prime or Color Prime Plus shall be applied over the cured render/base coat surface (see product data sheet for mixing and application) prior to applying the finish. If additives are present in the render, a test patch shall be made and bond strength checked prior to application.

MIXING

Some settling of the finish may occur during shipping. Thoroughly mix the finish with a slow speed drill (450-500 rpm) and paddle until a uniform workable consistency is attained. Thinning the product with water is not recommended.

APPLICATION METHOD

Demandit Smooth can be applied by brush, roller or airless spray equipment. When applying by roller a maximum 20 mm medium pile polyester, polyamide or lamb's wool roller with bevelled and 450 mm wide roller frame is recommended. Plan the work ahead to make sure that proper staging is provided to maintain a wet edge.

Apply Demandit Smooth 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 few levelling roller strokes should always be in the same direction. Do not cut in around openings prior to overall application, rather do the cut in work as application proceeds. A 100 mm wide roller is recommended for cutting in. Where cutting in, the Demandit Smooth may be thinned down with water to prevent excessive build-up. For best uniformity of appearance a two coat application is recommended and under average drying conditions the first coat should be allowed to dry for a minimum of 2 hours before overcoating.

Application should always be done by an experienced professional specialist who has a successful track record of coating masonry or EWI. 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 Smooth 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 colour always use two coats. Do not allow Demandit Smooth to dry on roller covers as they do not apply the coating evenly.

Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of Dryvit UK Ltd. products as of the date of publication of this document and is presented in good faith. Dryvit UK Ltd. 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 UK Ltd.

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STORAGE

Demandit Smooth must be stored at a minimum of 7°C and a maximum of 38°C in tightly sealed containers protected from weather and out of direct sunlight.

CAUTIONS & LIMITATIONS

Do not use as a finish coat directly over any Dryvit Polymer-based system reinforced base coat.

Demandit Smooth must not be used on exposed exterior horizontal surfaces. Minimum slope is 6 in 12 which is 27°. Maximum length of slope is 300 mm.

Demandit Smooth shall not be used below grade when applied as the finish for a Dryvit system.

Minimise exposure of materials to temperatures over 38°C. Demandit Smooth exposed to temperatures greater than this for even short periods may exhibit skinning, increased viscosity, and should be inspected prior to use.

CLEANING

All equipment must be washed with clean water immediately after use and while the Demandit Smooth is still wet. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

HEALTH & SAFETY

For information on handling the product, storage and disposal refer to the current safety data sheet (SDS) available at www.dryvit.co.uk.

FURTHER INFORMATION - Refer to Application Instructions and the product Safety Data Sheet.

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