

Interior/Exterior Acrylic Coating with a Metallic Appearance

Description

Metallic Demandit® is an interior/exterior 100% acrylic coating, which is offered in three distinctive metallic colors: Silver, Gunmetal and Bronze.

Uses

Metallic Demandit is a durable coating, which may be used to provide a metallic look to special shapes and accent stripes, which have previously been finished with Dryvit textured finishes as well as to change the color of Dryvit finishes. Metallic Demandit may also be used to protect and decorate concrete, masonry, stucco and primed metal.

Coverage

Approximately 55.7 m² (600 ft²) for two coats per 20 kg (45 lb.) pail, depending on the surface roughness and porosity of the substrate.

Properties

Drying Time – Drying of Metallic Demandit is dependent on the air temperature and relative humidity. Under average drying conditions [21 °C (70 °F), 55% R.H.], Metallic Demandit is dry to the touch in ½ hour and dry to handle or recoat in 4-6 hours. Protect work from rain for at least 24 hours.

Water Vapor Transmission - (ASTM E96) Metallic Demandit is permeable to water vapor.

Accelerated Weathering - (ASTM G23) 2000 hours. No deleterious effects.

Mildew Resistance - (Mil Std 810B) Passes.

Application Procedure

Job Conditions - Air and surface temperature for application of Metallic 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 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 dry a minimum of 24 hours 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 Metallic 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, Genesis® or Genesis DM™ 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: Metallic 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 Metallic Demandit to a smooth, homogeneous consistency. Avoid introducing air into the coating.

Application – May be applied using either a brush or a roller.

Roller: The roller should be designed for latex finishes, have 25 mm (1") nap and be of good quality.

Brush: The brush should be 100% nylon bristle and of good quality. Metallic Demandit is applied with the heaviest coat possible while avoiding

sags. Completely saturate the roller cover and keep the roller loaded with coating to avoid foaming. Do not dry-roll or over-roll, as this will cause excessive entrapment of air (foaming) within the coating. Spread the coating from the roller in a fan-like pattern and, while coating is still wet, lay off a final roller pass in one direction with a wet roller to achieve a smooth appearance and uniform film thickness. Metallic Demandit is self-priming.

DUE TO THE UNIQUE CHEMISTRY USED TO PRODUCE THE METALLIC LOOK, A SECOND COAT **MUST** BE USED TO ENSURE ADEQUATE HIDING. THE METALLIC DEMANDIT SHOULD BE ALLOWED TO DRY FOR 4-6 HOURS BEFORE RECOATING.

Clean Up - Clean tools with water while metallic Demandit 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 DS152 on cleaning and recoating.

Storage - Metallic 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 reinforced base coat.
- Metallic Demandit shall not be returned into sealant joints or other areas that will be in direct contact with sealant. If it is necessary to apply sealant directly to Metallic Demandit, contact the sealant manufacturer for specific recommendations.

Technical and Field Service

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