

High Performance Acrylic Weatherproofing Coatings

Description

The right choice for changing the color of an existing EIFS finish or other exterior surfaces.

Weathercoat is an exterior 100% acrylic smooth coating which is offered in a variety of standard colors as well as custom colors. Weathercoat contains the most effective ingredients available to help resist mold and mildew growth.

Uses

Weathercoat is a durable coating which may be used to protect and decorate masonry, stucco, wood, primed metal and acrylic-based textured finishes such as EIFS finishes.

Coverage

Weathercoat is supplied in one 5 gallon (19 L) pail. Coverage will vary depending upon substrate, surface texture, environmental conditions and application technique. The coverage of the first coat on textured surfaces can vary from 350-800 ft² (33-74 m²) per pail depending upon conditions. The coverage of the second coat on textured surfaces can vary between 450-1000 ft² (42-93 m²) per pail because the surface becomes more sealed and smoother. For best uniformity of appearance two coats are recommended. Coverage for two coats of Weathercoat can vary from 200 - 450 ft² (19-42 m²) per pail depending upon surface being coated. 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 Weathercoat is dependent on the air temperature and relative humidity. Under average drying conditions [70 °F (21 °C), 55% R.H.]. Weathercoat is dry to

the touch in 30 minutes and dry to handle or recoat in 2 hours. Protect work from rain for at least 24 hours.

Water Vapor Transmission

(ASTM E 96) - The Weathercoat coating is 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 Weathercoat must be 45 °F (7 °C) or higher and must remain so for at least 12 hours.

Surface Preparation - Surfaces shall be clean, dry, above 45 °F (7 °C) 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. If it is a glossed surface, it must be removed by sanding.

- **Metal Surfaces** - Must be primed with a corrosion-resistant primer.
- **EIFS Finishes** - Freshly applied finishes must dry a minimum of 24 hours under average drying conditions. Existing EIFS finishes should be cleaned and flushed thoroughly with clean water.
- **Concrete** - Shall have cured a minimum of 28 days prior to application of Weathercoat. 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.
- **Masonry** - The masonry surface, with joints struck flush, may be "skim coated" with Primus®, Primus DM™ or Genesis® mixture to produce a smooth, level surface.

- **Stucco** - Weathercoat 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 Weathercoat to a smooth, homogeneous consistency. Avoid introducing air into the coating.

Application - Weathercoat may be applied by brush, roller or airless spray equipment. When applying by roller, a maximum 3/4 in (19 mm) nap polyester or polyester blend with nylon or lamb's wool and with beveled ends and a phenolic core is recommended. A 18 in (460 mm) 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 Weathercoat 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 4 in (100 mm) wide roller is recommended for cutting in. Where cutting in, the Weathercoat may be thinned down with water to prevent excessive buildup.

Application Tips - Application should always be done by an experienced professional 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 heat conditions. The surface should not be saturated with water or overly damp when

Weathercoat is applied. Some surfaces are much more porous than others. Even different elevations on the same building can vary in suction; therefore, it is difficult to get an even appearance with one coat if the surface is porous. When changing color, always use two coats. To avoid an uneven application, do not allow Weathercoat to dry on roller covers.

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

Maintenance - All Dryvit products are designed to require minimal maintenance. However, as with all building products, depending on location, some cleaning may be required. See Dryvit publication DS152 on cleaning and recoating.

Storage: Weathercoat must be stored at a minimum of 45 °F (7 °C) and a maximum of 100 °F (38 °C) in tightly sealed containers protected from weather and out of direct sunlight.

Cautions and Limitations

- Avoid applying Weathercoat in direct sunlight. Always work on the shady side of the wall or protect the area with appropriate shading material.
- 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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