

WEATHERLASTIC SMOOTH

Flexible, Waterproof Elastomeric Exterior Coating

DS.EN.04.54.09



PRODUCT DESCRIPTION

Weatherlastic Smooth is a water-based elastomeric wall coating. It is easily applied with an airless spray or roller. Weatherlastic Smooth is based upon a 100% acrylic, copolymer elastomeric resin, which provides excellent elongation and flexibility at low temperatures. The coating resists mildew growth and dirt pickup and is highly chalk-resistant.

FEATURES & BENEFITS

FEATURE	BENEFIT
• Acrylic based coating	Good dirt repellence
• Elastomeric polymer	Bridges hair line cracks and flexible at low temperatures
• Proven Mildew Resistance	Reduced mould growth
• Vapour permeable	Allows vapour transmission

PROPERTIES

Drying time - drying of the finishes is dependent on the air temperature, relative humidity and coating thickness. Under average drying conditions 20°C, 55% RH, protect work from rain for at least 24 hours. Note: at lower temperature and higher humidity, especially in autumn and spring, the drying time can be longer.

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

USES

Weatherlastic Smooth is ideally suited as a protective and decorative coat over substrates such as Dryvit External Wall insulation (EWI) Systems, Anti Crack Render (ACR) Systems, exterior masonry, render, concrete and other approved substrates.

COLOURS

Available in standard colours as well as custom colours.

PACKAGING

Weatherlastic Smooth is shipped 19 kg pails.

COVERAGE

Two coats of Weatherlastic Smooth are recommended and will yield a combined dry film thickness of 280 microns.

Approximately 0.70 to 0.8 kg/m².

All coverages are approximate and depend upon substrate profile, details and individual application technique. Estimates take no account of wastage

SPECIFICATION

Specification clauses relating to this product can be found in NBS sections M21 Insulation with Rendered Finish and M60 Acrylic based finishing coatings. Please consult Dryvit UK Ltd.



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PREPARATION

Wall surfaces shall be clean, dry, structurally sound, above 5°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.

Dryvit Reinforced Base Coat: The base coat must be dry and cured for a minimum of 24 hours before application of any finish.

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, Color Prime Plus or Color Prime S 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, Color Prime Plus or Color Prime S shall be applied over the cured 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

Weatherlastic Smooth is applied by airless spray or roller.

Apply a minimum 550 microns to achieve a 280 microns dry film thickness. This is achieved by applying the Weatherlastic Smooth in two coats. Under average drying conditions, 20°C and 50% RH, three hours drying time between coats should be adequate.

Application by airless spray equipment or mastic pump and gun allows application of the coating at the total required application rate with a minimum of stippling or thickness variations. Equipment should have the capacity to pump 7.6 litres of coating per minute. Material hose should be minimum 12.5 mm inside diameter for spraying coating through more than a 15 m length. Minimum bursting of 3600 N (800 lbs) is recommended with an orifice size of 0.53 mm - 0.81 mm (0.021 in - 0.032 in), depending on equipment used. Cross apply coating by holding the spray gun perpendicular to, and approximately 0.6 m from the wall surface. Avoid excessive material build-up by holding spray gun away from the wall when pulling the trigger, then bringing gun across area to be coated. Maintain a wet edge and avoid starting and stopping in the middle of the wall. Do not attempt to overreach spray pattern as this may result in appearance of an irregular spray pattern. A 10% loss from overspray should be anticipated.

For roller application, a medium or long pile woven fabric roller is recommended. 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 within the coating. A second coat is applied in a similar manner after the first coat has adequately dried. For cutting-in and trim, a nylon bristle brush is recommended.

Back rolling sprayed areas is recommended to control pin holing on spray applications over porous surfaces.

DRYING TIME

Drying Time - A 550 micron thick wet film (to achieve an a 280 micron dry film) will dry to the touch in 3-4 hours 20°C, 55% R.H. Protect from rainfall for 24 hours at 20°C, 55% R.H., longer when temperature is cooler and when relative humidity is higher.

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.

Manufacturing locations: Dryvit Systems USA (Europe) Krze Duze7; 96-325 Radziejowice, Poland, BDD: 000104176

STORAGE

Weatherlastic Smooth must be stored at a minimum of 5°C and a maximum of 38°C in tightly sealed containers protected from weather and out of direct sunlight.

CAUTIONS & LIMITATIONS

Weatherlastic 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.

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

Weatherlastic Smooth is not intended for direct-applied, vertical applications over exterior type gypsum based sheathing board, foam plastic insulation or other type insulation board.

Weatherlastic Smooth shall not be returned into any sealant joint. Instead, a coat of Dryvit Color Prime or Dryvit Demandit should be applied over the base coat in the joint.

Minimise exposure of materials to temperatures over 38°C. Weatherlastic 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 product 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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