

HYDROPHOBIC (HDP) WATER REPELLENT COATING

Exterior acrylic coating with hydrophobic properties



PRODUCT DESCRIPTION

HyDroPhobic (HDP) Water Repellent Coating is 100% acrylic, has excellent water repellent properties and is formulated to resist mould and mildew growth (PMR) and is hydrophobic, resulting in less dirt pick up and a cleaner wall appearance.

FEATURES & BENEFITS

FEATURE	BENEFIT
• Hydrophobic chemistry	Reduced dirt pick up and maintenance requirements
• Mildew resistant	Does not sustain mould growth
• Vapour permeable	Allows vapour transmission

PROPERTIES

Drying Time: Drying time is dependent on the air temperature and relative humidity. At 20°C and 55% R.H., the coating is dry to the touch in 30 mins and ready to recoat in 2 hours.

Always protect work from rain for at least 24 hours.

Beading Effect: The beading effect occurs after approximately 30 days of weathering. This effect is more easily seen on finer finishes.

Job Conditions: Air and surface temperature for application of must be 7°C or higher and must remain so for at least 12 hours.

DS.EN.04.54.20



USES

HyDroPhobic (HDP) Water Repellent Coating is used to coat acrylic based textured finishes, sand cement render, wood or primed metal.

COLOURS

Standard colours as well as custom colours are available.

PACKAGING

HyDroPhobic (HDP) Water Repellent Coating is shipped in 17.36 kg pails.

COVERAGE

First coat on a textured surface 0.34 - 0.75 kg/m² equivalent to 23 - 51 m² per pail.

Second coat on a textured surface 0.27 - 0.60 kg/m² equivalent to 29 - 65 m² per pail.

Two coat application on a textured surface 0.60 - 1.34 kg/m² equivalent to 13 - 29 m² per pail.

Estimates take no account of wastage. Coverage is approximate and depends upon substrate profile, substrate porosity and individual application technique. Coverage will be higher on smooth, primed surfaces. A test section is recommended to determine a more accurate coverage rate. For best uniformity of appearance two coats are recommended.



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SURFACE PREPARATION

Surfaces shall be clean, dry, above 7°C and free of efflorescence, grease, oil, form release agents and curing compounds. On previously painted surfaces, all loose paint and 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 hrs under average drying conditions. Existing Dryvit finishes should be cleaned prior to painting.

Concrete/Masonry

Shall have cured a minimum of 28 days prior to application of HyDroPhobic (HDP) Water Repellent Coating. If 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, joints struck flush, and small voids filled with Dryvit Genesis, Genesis DM Plus, Primus M or Fibercoat. Dryvit Color Prime shall be applied over the prepared surface prior to applying the HyDroPhobic (HDP) Water Repellent Coating.

Cementitious Render

Dryvit Color Prime shall be applied over the texture coat prior to applying the HyDroPhobic (HDP) Water Repellent Coating. If additives are present in the render, a test patch shall be made and bond strength checked prior to application.

MIXING

Stir HyDroPhobic (HDP) Water Repellent Coating to a smooth, homogeneous consistency. Avoid introducing air into the product.

APPLICATION

Application should be performed by an experienced, professional contractor who has experience painting masonry or EWI System. HyDroPhobic (HDP) Water Repellent Coating 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 so application is 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 HyDroPhobic (HDP) Water Repellent Coating may be thinned down with water to prevent excessive build-up.

Application Tips

Surface texture, temperature, and porosity will affect the rate at which any paint dries, and color variation may occur if such conditions are not uniform. For this reason, two coats are always recommended to achieve maximum uniformity. It may be helpful to lightly mist (surface should NOT be dripping wet or saturated) the wall in hot, dry weather in order to slow the drying rate of the HyDroPhobic (HDP) Water Repellent Coating. 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 HyDroPhobic (HDP) Water Repellent Coating to dry on roller covers as they do not apply the coating evenly.

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 on cleaning and recoating.

Information contained in this product data 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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Printed in the UK R2: 12/19
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DS.EN.04.54.20

STORAGE

HyDroPhobic (HDP) Water Repellent Coating 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.

CLEANING

All equipment must be washed with clean water immediately after use and while the HyDroPhobic (HDP) Water Repellent Coating is still wet. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

HEALTH & SAFETY

Refer to Application Instructions and the product Safety Data Sheet.

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