

SILSTAR PRO

Exterior Silicone Façade Paint



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PRODUCT DESCRIPTION

Silstar Pro is an exterior grade paint based on silicone and 100% acrylic resins. After drying Silstar Pro paint protects against a wide range of climatic conditions. DPR and PMR additives protect from dirt and mildew development on walls.

FEATURES & BENEFITS

FEATURE	BENEFIT
• Silicone resin	Self cleaning effect, improved vapour permeable
• Acrylic polymer	Excellent UV and colour fade resistance
• Mildew resistant additives	Does not sustain mould growth

PROPERTIES

Drying time – the drying time of the finish is dependent on the air temperature, relative humidity and coating thickness. Under average drying conditions 20°C, 55% RH, it dries to the touch within 2 hours and is ready for applying the second coat after 12 hours. Once applied the coating should be protected from rain for at least 24 hours. Lower temperatures and higher humidities will require that the Silstar Pro finish be protected for longer during the drying period.

Temporary protection – during and after application, until the Silstar Pro is completely dry, it must be protected against adverse weather conditions (strong wind, rain, high temperature, sunshine, fog, etc).

USES

Silstar Pro is recommended to protect and further enhance the colour of Dryvit acrylic-based textured finishes and concrete/masonry substrates.

COLOURS

Standard colours as well as custom colours are available.

PACKAGING

Silstar Pro is shipped in 17.36 kg pails.

COVERAGE

Two coat application on a textured surface 30-34 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

Job Conditions

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

Surface Preparation

Remove any existing coatings. Smooth and glazed surfaces should be roughed to provide a key prior to application of the Silstar Pro. The surface should be clean, dry, and free from efflorescence.

Dryvit Finishes

Prior to application all existing finishes should be clean and dry. In average weather conditions (temp. +20°C and 55% relative humidity) the Silstar Pro can be painted 48 hours after application of the finish. At lower temperatures and higher humidity drying can become significantly longer. The surface must be allowed to completely dry before repainting. It is recommended to apply two coats of Silstar Pro to obtain the full colour and performance.

Concrete/Masonry

Shall have cured a minimum of 28 days prior to application of Silstar Pro. If form release agents or curing compounds are present on the concrete surface they shall be thoroughly removed, either by sanding the surface or washing with Dryvit Efflorescence remover, ensuring any residual acid is rinsed clean. All projections shall be removed, joints struck flush, and small voids filled with Genesis DM Plus. Dryvit Color Prime, Color Prime Plus or Strongsil should be used on highly absorbent mineral surfaces and applied over the prepared surface prior to applying the Silstar Pro.

Cementitious Render

Dryvit Color Prime or Color Prime Plus shall be applied over the substrate or base coat prior to applying the Silstar Pro. If additives are present in the render, a test patch shall be made and bond strength checked prior to application.

MIXING

Thoroughly mix Silstar Pro with a slow speed drill (450-500 rpm) and paddle until a homogeneous consistency is attained. Avoid introducing air into the coating.

APPLICATION METHOD

Silstar Pro 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 Silstar Pro 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. 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 12 hours before overcoating.

STORAGE

Silstar Pro must be stored at a minimum of 7°C and a maximum of 27°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 reinforced base coat. Depending on location, some custom or dark colours may exhibit a higher degree of colour fade compared to standard or lighter colours.

CLEANING

All equipment must be washed with clean water immediately after use and while the Silstar Pro 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 the relevant System Application Instructions and the product Safety Data Sheet.

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