

TECHNICAL DATA SHEET

Nanosil Paint

Product Code: ESPS-SMP/Colour Code



SPS ENVIROWALL PROMOTES THE RE-USE (mixing tub/Tool carrier/rubbish container) –RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA THE ENVIRONMENTAL RECYCLING SCHEMES FROM SITE.



PLASTIC TUBS, LIDS AND METAL WIRE HANDLES ARE FULLY RECYCLABLE.

Characteristics

SPS Envirowall Nanosil Paint is a full silicone resin-based highly modified performance paint. Formulated to give an ultra-high weather resistant finish. Suitable for use onto Enviromin topcoat, Granomin topcoat, Silicone topcoat, Acrylic topcoat, Dash, Roughcast, Render brick and concrete. Suitable for smooth and structured renders and as a renovation paint for EWI systems.

Vapour permeable making it ideal to use as a finish with all types of insulation, especially mineral wool. Mould/algae resistant, non-bleeding, non-film forming, environmentally friendly, non-thermoplastic and UV resistant.

Extensive choice of colours available, with the ability to match other special colours on request. It is not possible to use colour tones with brightness references below 20.

Technical Data

Supplied in 10L Plastic containers

Coverage

150 - 40 m² per 10 litres. Substrate dependant (150m² coverage is based on a 50% dilution with clean water when used as a primer coat for porous material type substrates) 40m² based on grained surfaces such as Enviromin and Granomin. Coverages can be determined by applying a test coat onto the substrate before commencement of application.

Composition

Water-dilutable, full silicone resin based with special adhesive additives.
 Application temperature of 5°C up to 25°C for a minimum of 24 hours.
 Humidity requirement – Less than 85%
 Suitable for spray application.
 High adhesion.

Substrate

The surface must be flat, clean, and dry and free from dust, grease, chalking or anything else likely to prevent a good bond, prior to applying the Silicone Paint.

Before commencing the application ensure all scaffold boards are swept and if required washed clean, ensuring all dust and dirt is swept away from the face of the wall.

If in doubt about the substrate please consult our Technical Department for advice.

Application

To avoid dampness and discoloration rendering should be avoided below DPC or within 150mm of ground level. Apply with paintbrush or Lamb's wool roller or spray depending on the size of the area to be covered. Nanosil coating can be diluted to use as a primer coat with up to 50% clean water depending on the suction of the substrate. Other than those circumstances it is applied neat having stirred thoroughly before use.

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To maintain colour consistency panels should be completed in sequence working around the building and where possible using the same batch numbers.

IMPORTANT INFORMATION

The weather conditions for application and drying are critical. Do not apply if the following conditions are likely to arise during or within the first 24 hours following application.

- If frost is forecast or in wet conditions
- When the relative humidity is above 85%
- In temperatures below 5°C or above 25°C
- If the façade is in direct sunlight.
- If the substrate is hot (at or above 30°C) or below 5°C.
- Substrate PH must be less than 8.
- Coverage rates are approximate and do not take into account for wastage or uneven substrates

This coating must be protected against heavy rain, direct sun or wind in the first 24 hours after application. Sheeting the façade or the scaffold is advised to protect against this. For this particular product, if these parameters are not met, polymer film damage, wash off, discoloration and potential failure can occur. Always ensure that the same batch numbers are used when possible up to natural breaks in the façade such as rainwater downpipes, expansion joints and corners of the building as batch to batch colour variations are possible. It is the responsibility of the applicator contractor to manage and record the weather conditions during the application and curing of the product.

Storage

Store unopened in a dry location, at temperatures above 5°C and in frost free area. Product can be stored in original unopened containers for a maximum of 12 months from date of manufacture.

Certificates/approvals

Identification

EU VOC limit value for this product (cat A /c WB): 30 g / L This product contains a maximum of 30 g / L VOC

Special Information

Disposal

Do not empty contents into the ground, water courses or drains. Check local landfill requirements for correct disposal. See the SPS Envirowall Limited Health & Safety data sheet on this product for information regarding the safe disposal of this product.

Empty containers, Lids and wire handles can be fully recycled

The information supplied in this Technical Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Our application recommendations, whether verbal, written or as graphics, are given to the best of our knowledge and the state of the art. Information about values, quantities etc. are based on approximate figures. The recommendations do not constitute a legally binding warranty of quality. In particular no liability claims may be based on these recommendations; the provisions of the product liability law remain unaffected.

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The recommendations do not release the purchaser from his own duty to test the product or from his own responsibility, and in particular they do not release the purchaser from compliance with the relevant technical

guidelines, regulations, DIN and laws. Publication of a revised version of this technical information sheet due to technical progress invalidates all older versions of this document.