

Delcote® Architectural Coating



sharmans
Delcote®
coating

Product Description

Delcote Architectural Coating is a liquid blend of silicones.

Uses

- Coating or re-coating a wide range of horizontal and vertical external surfaces including: concrete, polyurethane foam, wood, copper, aluminium, PVC Plastisol and Pvf2 coated steel and many other painted surfaces
- Used in conjunction with the Seamsil Cut Edge Corrosion system for the upgrading of existing ageing and/or corroded steel profiled roofing.

Characteristics/Advantages

- Proven long term protection against corrosion on metal roofs

- Delcote is a 100% silicone based remedial treatment and is therefore ideal for use in areas of industrial pollution and/or coastal and marine environments
- One component materials requiring no mixing and can be applied by roller, spray or brush
- Primerless adhesion to most common substrates
- Fast cure rate, 15-30 minute skin over time followed by 1-2 hour tack free time
- High static viscosity ensures material stays where it is sprayed. It will not flow off high spots or vertical areas and therefore allows for easy build-up of required dry film thickness
- Long service life with excellent resistance to UV attack
- Provides breathable membrane for protection of asbestos and concrete surfaces
- Does not degrade by chalking
- Any subsequent soiling of the product can be easily removed by a simple detergent wash.

Product Information

Chemical Base	Silicone Coating in a Spirit Carrier
Packaging	20kg Drums
Colour	A wide range of colours available
Shelf Life	12 months
Storage Information	Store in a cool, well ventilated, frost free area
Specific Gravity	1.25
Shore A Hardness	32 (approx.)
Tack Free	2 hours (approx.)
Time to Full Cure	7-10 days
Solids Content	By weight: 80% By volume: 60%
Elongation at break	400%
Tensile Strength	1.38 N/mm ²

Application Information

Application Temperature Range	+3°C to +60°C
Dew Point	Surface to be 2°C above dew point



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Application Instructions

For system specific application instructions, please refer to the relevant specification or consult Sharmans Technical Services team.

Substrate Preparation

All surfaces should be clean, dry, sound and free from all contaminants such as dust, rust, grease, etc. and prepared to Swedish Standard ST2.

Environmental Conditions

The following minimum weather conditions should be present at the beginning of the application. If the weather conditions are not met, application should stop until such a time that specified conditions are met.

- Air temperature must be above 3°C
- Surface should be 2°C above dew point
- Wind speed to be below 24 k.p.h (when spraying)

Application Method/Tools

Utilising spray, roller or brush apply Delcote to prepared, clean and dry, structurally sound surfaces in two coats of contrasting colours. In between coats the product should be allowed to become tack free. A dry film thickness of at least 200 microns must be achieved.

Cleaning of Tools

Clean all tools with a Xylene based cleaner.

Notes on Application/Limitations

Do not clean the surface using a soap detergent solution.

A tack free condition will usually take at least one hour at 21°C. Lower temperatures will require longer between coats and risk the possibility of dew or frost and extended drying times.

When spraying, use the criss-cross or cross-spray technique without runs. Spray guidelines are available upon request from Sharmans.

Use Line Cleaner T508 to flush lines. Do not use T508 as thinners.

Always allow for expanded sheet profile, when estimating material quantities.

The installing contractor must be fully trained in the use of Delcote. It is the contractors' responsibility to inspect each section of the application to ensure the correct measures and steps outlined in this specification document are applied.

Disclaimer

The information, and, in particular, the recommendations relating to the application and end-use of products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. HD Sharman reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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