

Delcote® Architectural Coating

Product Description

Delcote® Architectural Coating is a liquid blend of silicones designed for easy application by spray, roller or brush for the re-coating and refurbishment of a wide range of common building materials including masonry, concrete, wood, polyurethane foam and most painted or unpainted metals.

It is also the ideal product for reinstating an effective coating on aged organic coated roof and wall cladding products such as PVC Plastisol, Pvf₂ and polyester where a standard two coat 200 micron application will provide protection equal to or better than the original new product.



Key Performance Properties

- Durability - proven world-wide use with a life expectancy of over 20 years.
- Primerless adhesion to most common building products including PVC Plastisol, Pvf₂ and polyester coated cladding
- Easy to apply - brush, roller or airless spray.
- UV resistant for longer proven life.
- 100% silicone in a generally VOC exempt solvent.
- Fully compatible with Seamsil® remedial corrosion system for use on total refurbishment of organic coated steel roofing projects.
- Designed to re-coat corroded Pvf₂ and polyester coated cladding without the need to prepare to bright metal.
- Fast application without disruption to internal activities.
- Proven long term protection against corrosion on metal roofs.
- Provides breathable membrane for protection of asbestos and concrete surfaces.

Colours

Delcote® is available in mid grey (Albany) and dark grey (Slate) as standard. Custom colours such as Goose Wing Grey, Chocolate Brown and Dark Green are also available at an extra cost. Silicone products do not degrade by chalking and as such do not have self-cleaning properties. Any subsequent surface soiling is easily removed by a simple detergent wash.

Typical Product Data

Typical uncured properties	Value	Test Method
Solid content % by weight	72/81	WPSTM C- 19
Solid content % by volume	66	WPSTM C- 19
Density lbs/galls	10.45	WPSTM P-14
Viscosity, CPS	9000	WPSTM C-560

Typical cured properties	Value	Test Method
Tensile strength psi	200	ASTM D-412
Elongation %	400	ASTM D-412
Peel Strength, lbs/ inch	27	WPSTM C-628
Hardness, Shore A	32	ASTM D-2240

Samples of the silicone membrane have also been subjected to heat ageing and UV exposure tests (4000 hours ASTM - 526-70) with no affect on physical properties

WPSTM = GE Silicones

Waterford (US) plant standard test method

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.

Instructions for use

The Delcote® Architectural Coating system should only be applied to substrates that have been prepared in accordance with the relevant Delvemade Protective Coatings Specification and which are structurally sound and provide a clean, dry and stable base for the re-coating system. The system is suitable for application to vertical, horizontal and inverted substrates.

Application Details

The product is designed for application as received to clean, dry, structurally sound substrates. Additional dilution is not necessary and should not be undertaken.

The surface must be free of ice, surface moisture, dirt, dust and all foreign matter.

High pressure water jetting (without detergent) may be carried out to remove most surface contaminants. Allow to evaporate and ensure surface is clean and dry before re-coating commences. Delcote® is generally applied in a two coat operation using contrasting colours for each coat.

In most cases when installed on roof sheeting Delcote® is applied as a system that incorporates the use of Seamsil® to treat and prevent corrosion by sealing lap joints and encapsulating the cut edges of sheets. This ensures that unlike conventional coatings the weakest points of a roof are equally protected.

Availability

Delcote® and Seamsil® are distributed by:

Giromax Technology Ltd.

Airmech Works, Gilmorton Road, Lutterworth Leics. LE17 4DZ
Tel. 01455 558969 Fax. 01455 558787
sales@giromax.co.uk www.giromax.co.uk

Specifications

Fully detailed specifications for the application of all products within the Delvemade Protective Coatings Programme, including Seamsil® and Delcote® are to be found in the Delvemade Specifiers Manual. Specifications are also available on CD-ROM and are obtainable from the manufacturer or distributor.

Safety

Contractors using the Delcote® and Seamsil® range of products must be fully trained in the use of all products. Technical and Material Safety Data Sheets are freely available from both the manufacturer and distributor.

Before



After



Qualified Applicator



Cutting Edge Technology

SEAMSIL® is a registered trade name of Delvemade Limited.
DELCOTE® is a registered trade name of Delvemade Limited.

Delvemade Limited

3 Stott Road, Swinton, Manchester M27 0FF
Tel: 0161 794 5470 Fax: 0161 727 8167
www.delvemade.co.uk delvemade@aol.com