

SILCOR[®] Top Coat 80

Two-part, UV-resistant protective coating

Product Description

A tough, fast curing, non-slip, aliphatic polyurethane coating designed for protection of SILCOR[®] 580, SILCOR 780 HI-LP, SILCOR 790 HI (CHEMSPRAY 790) and SILCOR 990 MP (A) (CHEMSPRAY 690) membrane systems in all exposed situations. SILCOR Top Coat 80 is UV resistant - it provides a durable, service foot-trafficable finish to roof and deck areas.

Uses

SILCOR Top Coat 80 is used for colour-fast, non-slip exposed areas on plant room and lift motor room roofs, balconies, decks, perimeter turn-ups, penetrations and sill or window flashings. It may be used to give colour fast protection to all grades of SILCOR waterproof membranes used in exposed external situations.

Features

- Simple application, easy to use and fast cure
- UV-resistant and foot trafficable
- Fast cure - quick access for trades
- Permanently flexible - total adhesion
- Immediate resistance to rain damage

Preparation

Surface of SILCOR membrane must be clean and dry.

Application

Mix each component separately with a clean stirrer blade, then combine together in a clean dry container and mix thoroughly with high speed dissolver for 5 minutes prior to application. Mix ratio Resin: Hardener is 5:1 by weight. Apply in two coats by brush or roller – apply second coat in cross direction to the first to give a uniform finish. For spraying use a single wet-on-wet spray application.

Do not use mixed product once it has become thick and stringy, it should be discarded.

Do NOT add solvent.

Typical Properties

Colours available

Grey

Light Grey

White

Drying Time at 25°C

2 hours

Shore Hardness

75-80 °A

Tensile Strength (AS1 145)

2 MPa

UV Resistance (System)

Excellent

Coverage

SILCOR Top Coat 80 A/B mixed – minimum 0.3kg/m² for minimum 0.15mm Dry Film Thickness (DFT).

Supply and Packaging

SILCOR Top Coat 80 Resin – 15 kg pails

SILCOR Top Coat 80 Hardener – 3 kg pails

Shelf Life

Do not store product exposed to weather and sun. When kept in a cool, dry, protected area, sealed pails have a 12-month shelf life, but once opened may solidify within a few days.

Clean-up

Use MULTITEK Xylene or methylated spirits before curing. Exercise care when using solvent, review all Material Safety Data Sheet (MSDS) before use.

Health and Safety

Read and understand the product label and Safety Data Sheet (SDS) for each system component. All users should acquaint themselves with this information prior to working with the products and follow the precautionary statements. SDSs can be obtained by contacting your local GCP representative or office.

Limitations

Information contained in this document does not cover all possible application scenarios or imply product suitability for an application. Please contact your local GCP representative or the GCP Technical Department for further information.

Warranties

GCP and contractors recognised by GCP as experienced in the application of GCP products will provide warranties for individual projects. Warranty periods offered are dependent on project details and complexity. Requests for very long warranty periods may necessitate increased membrane thicknesses to ensure longevity.

Contact your local GCP representative for further details.

The information contained in this product data sheet supersedes all previous versions.

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