

Silcor® Top Coat 70

Two-component, aliphatic urethane based top coat for UV protection of Silcor liquid waterproof membranes.

Product Description

Silcor® Top Coat 70 is a two-component UV protective coating, formulated specifically to enhance the appearance of Silcor elastomeric liquid waterproof membranes.

Applications

UV protection of Silcor liquid waterproof membranes left permanently exposed to UV radiation and light pedestrian traffic.

Suitable for Use:

- Balconies
- Plaza decks
- Terraces

Installation

Surface preparation

- The membrane surface must be clean, sound, free of dust, laitance, sealers, grease or any other contaminants that might reduce adhesion.
- Silcor Top Coat 70 should be applied to Silcor waterproof membranes within 24 hours but not exceed 72 hours of Silcor membrane application.

Mixing

- Add the complete quantity of the B-component to the A-component to ensure correct mixing ratio.
- Mix with a slow turning mixer (less than 300 rpm) for 3 minutes in order to obtain a homogeneous mixture.

Application

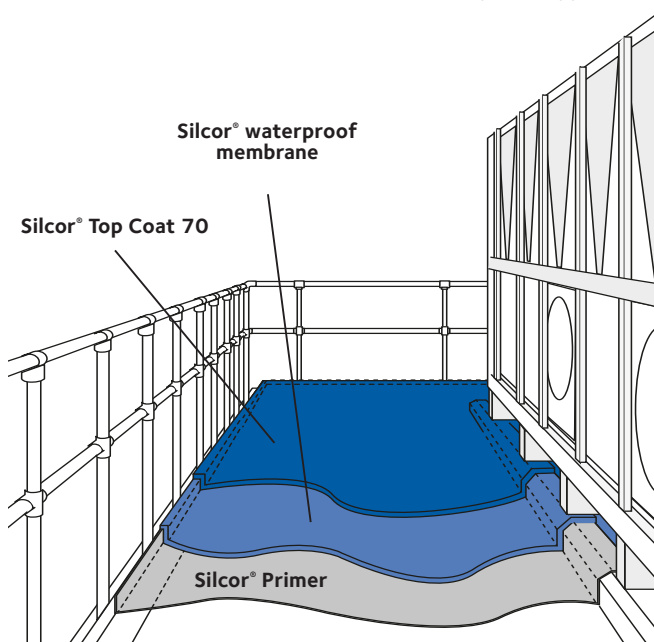
- Apply Silcor Top Coat 70 to the surface by brush or roller immediately after mixing to ensure coverage of the entire surface.
- Broadcast iron-free sharp, white quartz sand or any approved aggregate into the wet Silcor Top Coat 70.
- Broadcast sand to full saturation.
- Remove the surplus sand and partially bonded particles after the Silcor Top Coat 70 is dry to the touch.
- Apply the second coat of Silcor Top Coat 70 to thoroughly encapsulate the aggregate.
- Ambient application temperature range: 40°F to 90°F.

Curing

- Silcor Top Coat 70 cure time is 24 hours at 70°F.
- Application must be protected from precipitation for at least 4 hours.
- Foot traffic is allowed after 24 hours of the top coat application.

Product Advantages

- Prevents discolouration of Silcor membranes.
- Color stable and UV resistant.
- Traction enhancement for pedestrian traffic
- Frost and weather resistant.
- Easy to apply by brush or roller.
- Easily scrubbed and cleaned to maintain its attractive appearance.



Details shown are typical illustrations only and not working drawings. For assistance with working drawings and additional technical advice please contact GCP Applied Technologies.

Supply

Product	
Silcor® Top Coat 70	1 gallon unit
Available in the following standard colors:	
Grey	
White	

Technical Approval

Property	Value
Coating Type	Two-component aliphatic urethane
Shelf Life	12 months
Recommended Thickness	Minimum 5 mils wet film thickness per coat
Pot Life	3 hours at 70°F (50% RH)
Working Time	3 hours at 70°F (50% RH)
Tack Free Time	1 1/2 hours at 70°F (50% RH)
Pedestrian Trafficable	24 hours at 70°F

All declared values shown in this data sheet are based on test results determined under laboratory conditions and with the product sample taken directly from stock in its original packing without any alteration or modification of its component parts.

Cleaning and maintenance

- Mixing and application equipment should be cleaned immediately with xylene. All solvents should be used only in accordance with manufacturer's recommendations. Do not use solvents to clean hands or skin.

Coverage

Approximately 300 ft²/gal per coat. Actual will vary depending on the profile of the surface.

Storage

Silcor Top Coat 70 should be stored in original packaging. Protect from heat, sources of ignition, moisture, frost and direct sunlight. Storage temperature: 45°F to 90°F.

Health and Safety

For Silcor Top Coat 70 read the product label and Safety Data Sheet (SDS) before use. SDS's can be obtained from GCP Applied Technologies.

gcpat.com | For technical assistance call toll free: 1-866-333-3726

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