



SILTOP-UVR2[®]

Two component Aliphatic UV top coat

DESCRIPTION

SILTOP-UVR2® is a two component, solvent based, aliphatic polyurethane UV protective coating designed for SILCOTE membrane system in exposed situations. It provides a durable, service foot-trafficable finish to roof and deck areas from ultraviolet sunlight

APPEARANCE AND BENEFITS

- Simple application, easy to apply by brush, roller
- Provides tough, stable elastomeric protection from color change of the surface
- Excellent bonding strength to substrate and weather resistance
- Fast-cure and allows custom color matching, even metallic colors

RECOMMENDED USAGE

SILTOP-UVR2 is suitable for use on concrete, tiles, plaster, cementitious renders, mortars as UV protective coating for exposed SILCOTE roofing systems

CONSUMPTION

The consumption of **SILTOP-UVR2** is between 0.3 to 0.5kg per sqm depending on the condition of the substrate

APPLICATION

- Supplied in 3:1 mixing ratio kits which contain the proper ratio of ingredients
- When mixed base and hardener should be applied immediately
- Pour the hardener contents into the base container and then mix with mechanical drill and paddle until a homogeneous color is achieved
- After mixing, move out into the fresh container and mix another minute
- Recommend to apply with brush only for small areas
- If apply on directly concrete surface, suggest to use SILPRIME-PU(1k PU primer) for better adhesion performance.

ORDINARY PACKAGING

Usual packing is 13.5kg for Base, 4.5kg for Hardener in small can(customized packing available)

SHELF LIFE

The product has a shelf life of 12 months if kept in a dry store in the original, unopened packs Store in dry, shaded conditions away from sources of heat and ignition

SURFACE PREPARATION

To get maximum bonding strength and long-term durability, requested sound, clean and dry substrates before **SILTOP-UVR2** application

- The substrate must be sound, clean, dry and free of all contaminants such as dirt, oil, grease and surface treatments etc.
- Always ensure good ventilation when using SILTOP-UVR2 in a confined space
- Do not consider SILTOP-UVR2 on substrates with rising moisture

TEST DATA

The values given below are average figures achieved in laboratory tests at 20°C and 25°C
Actual values obtained on site may show minor variations from those quoted

Test Item		Specification	Result	Test method
Appearance		Green/grey/etc.	Green/grey/etc.	KS M 5000:2009
Viscosity(cps/25°C)	A(base)	1,000±200	1,000	KS M 3705:2006
	B(hardener)	15±10	10	
Density(25°C)	A(base)	1.15±0.05	1.15	KS M 5000:2009
	B(hardener)	0.95±0.05	0.96	
Solid content (%) (105°C*2hrs)	A(base)	50±5	48	-
	B(hardener)	35±3	35	
Bond strength		-	1.5N/mm ²	-
Curing time(20°C)	Touch dry	Max 1 hrs	30 min	KS M 5000:2009
	Dry hard	Max 8 hrs	5 hrs	

SAFETY PRECAUTIONS

As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Coating must be carried out in well ventilated area. This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.

Customer Service

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