

Technical Data Sheet

SCM – 1K PU

Expert Manufacturer

Best Partner for You

+82-70-7739-6268

Description

SCM – 1K PU is a one component, liquid applied polyurethane coating, that cures to a seamless, highly elastic waterproofing membrane.

This system is needed no mixing process, so it can be used conveniently in job site with no mixing trouble.

Once cured this system provide a continuous seamless waterproofing membrane that gives excellent adhesion, impact and abrasion resistance, outstanding flexibility and chemical resistance.

Use

Apartments, commercial buildings, such as the exposure of the roof waterproof, water resistant outer walls of buildings and other places that require waterproof and elastic

Packing

SCM-1K PU is available in 18kg steel drums.

Properties

Appearance	liquid
Specific gravity (25°C)	1.30±0.1
Viscosity(cps) (25°C)	1,000~5,000
Drying time (25°C)	Within 24 hours
Hardness	Shore A 60±10
Tensile strength	Over 2.5 Mpa
Elongation	Over 450%
Tear strength	Over 14.7 N/mm
Color	Grey ,Green
Theoretical amount(1mm)	1.3~1.4kg/m ²

Features

- ◇ work is excellent.
- ◇ Resolution of various colors on exposed waterproofing, allowing for color finishing to meet the consumer's needs.
- ◇ Existing bottom layer and exhibits excellent adhesion and durability.
- ◇ Urethane elastic holds a unique cracks or no cracks.
- ◇ Good mechanical properties and excellent water resistance.
- ◇ construction site of application, implement the perfect waterproof seams not.

Application method

- ◇ Surface preparation :
 - The projection of the mortar and remove the recessed portion of the sanding crossroads.
 - Dried enough sand to clean the dust and debris.
 - Cracks occurred on the surface area of the insulation tape to hold.
 - If the surface roughness is heavy mortar trowel to finish the process.
- ◇ For primer coating: (SCM-PRIMER)
 - Fixed amount of primer paint on the surface mortar.
 - After 2-4 hours , paying the drying process to identify and enter into the next .
- ◇ For waterproofing : (SCM-1K PU)
 - One-pack type, without any Blended or mixing process is available.
 - Horizontal portion of the trowel or roller, using a rubber spatula and spread the product work well on the front .
 - Pot life can be used without affecting the open exposed to the air for a long time, and re-use surface hardening proceeds to cure before using the surface.
 - Horizontal part of the bad work spread ability less than 3% of the specified thinner can be used after adding and mixing .
 - After 24hrs of curing is completed, the next step enters.
- ◇ For UV resistance : (SCM-TOP)
 - Finishing the top coat (SCM-TOP) and finish painting
 - Prevent contamination of the elastic layer of top coat paint and coating carried on for the purpose of giving the durability .
 - Application methods of resolution to the product specifications and technical data refer to work.

Technical Data Sheet

SCM – 1K PU

Expert Manufacturer
Best Partner for You
+82-70-7739-6268

Storage

◇ Shelf life is 12 months when it is unopened and cool storage condition.

Working process



SCM-TOP	0.2kg/m ²
SCM-1K PU	1.95kg/m ² (1.5mm)
SCM-PRIMER	0.3kg/m ²
CONCRETE	