

SCM-BASE

INTRODUCTION

SCM-BASE

Exposure waterproofing coat is a two component, polyurethane resin based waterproof coating with excellent weathering and elongation to provide adaptability to crack of substrate.

ADVANTAGES

- Excellent waterproofing
- Excellent weather stability
- Excellent adhesion

USE

- Waterproof coating



TYPICAL PROPERTIES

Item	Typical value
Finish	Semi-gloss
Color	Green, Gray, Reddish brown, Other colors
Components	2
Solid by volume(%)	93±2
Specific Gravity(Mixed)	1.4±0.1 g/cm
Hardness(Shore A)	60±5
Elongation	560 %
Tensile performance-Tensile product	4.2 N/mm ²
Tear performance -Tear strength	436 N/mm
Theoretical coverage	2.0~3.0 kg/m ²
Recommended dry film thickness	2.0 mm
Mixing Ratio(Wt)	3:1
Shelf Life(Months)	6

Pot Life&Reconting interval

	SCM-PRIMER	SCM-BASE	SCM-TOP
Components	1	2	2
Mixing Ration(Wt)	-	3 : 1	4 : 1
Pot Life (25 °C)	10Hrs	20~30mins	2Hrs
Dry Time (25 °C)	3Hrs	1.5Day	6Hrs
Dry to recoat	After 4Hrs	1~2Days	After 24Hrs
Fully Cure	12Hrs	7Days	3days
Thinner	Do not dilute	Do not dilute	THINNER P-SP
Shelf Life(Months)	6	6	12

Application Equipment

- Roller, Rake, Trowel

Surface Preparation

- Prepare the surface free from any loose cement, dust, moisture, oil and other contaminants.
; If the surface is not tacky from rain and snow, **SCM-PRIMER** should be applied prior to application.
- For perfect film properties, avoid painting in rainy day(Max. humidity 85%) or cold day(Max 5°C)
- Bubbling may occur in case of applying this material in the high temperature
(air : above 30°C. surface : above 38°C)

Preceding Coat

- **SCM-PRIMER**
- **SCM-PRIMER + scraping : SCM-BASE (0.6~1.0mm)**

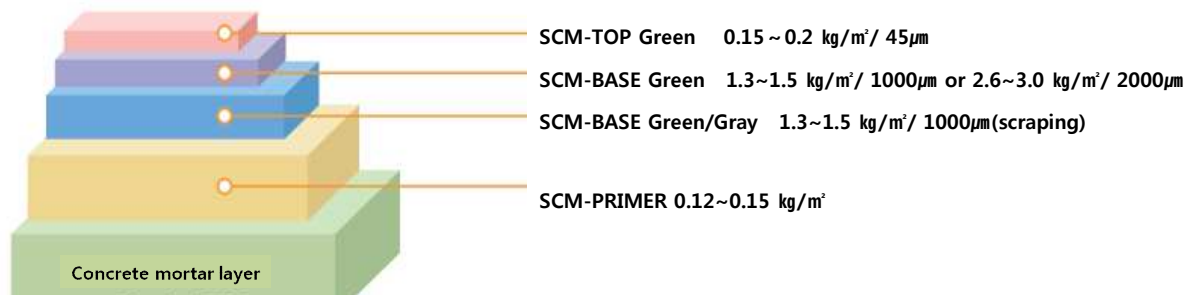
Safety Precaution

- Mixing separately, then combine together and mix thoroughly with high speed dissolver for 3~5minutes prior to application
- Do not mix with other paints.
- Mixed paint should be use within pot life
- Do not store at temperature above 30°C

Remarks

- Use adequate ventilation
- Avoid contact with skin and eyes, and prolonged breathing of solvent vapors.
- In case of contact, wash with organic solvent and followed by soap and water cleaning.
- Respiratory protection is recommended when applying this product in confined spaces or stagnant air.
- Clean equipment with THINNER P-SP immediately after use.
- Wash the exposed skin with a soap and water after painting
- Waste paint materials must be treated by ordinance of Environmental Government.

Construction Section



◆ Paint requirements; surface conditions, work methods, depends on the working conditions.