

INTRODUCTION

SCM-NT

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

TYPICAL PROPERTIES

	Typical value
Finish	Semi - Gloss
Color	Black
Components	2
Solid by Volume(%)	93±2
Specific Gravity (Mixed)	1.4±0.1(g/cm)
Hardness(Shore A)	45±5
Theoretical coverage	4.0~4.5 kg/m ²
Recommended dry film thickness	2~3mm

APPLICATIONS DETAILS

1. Surface Preparation

- Do not apply coating unless concrete has cured at least 28 days at 20°C/68°F and below 80% R.H or equivalent
- Moisture content of the surface must be below 6%
- The surface should be free of laitance.
- This can be accomplished by finishing technique, abrasive blasting, grinding, etc

2. Application conditions

- Air temperature : 5 ~ 35°C
- Relative humidity : below 85%

3. Preceding Coat

- **SCM-PRIMER**

4. Application Equipment

- Brush, Roller, Trowel and Rake

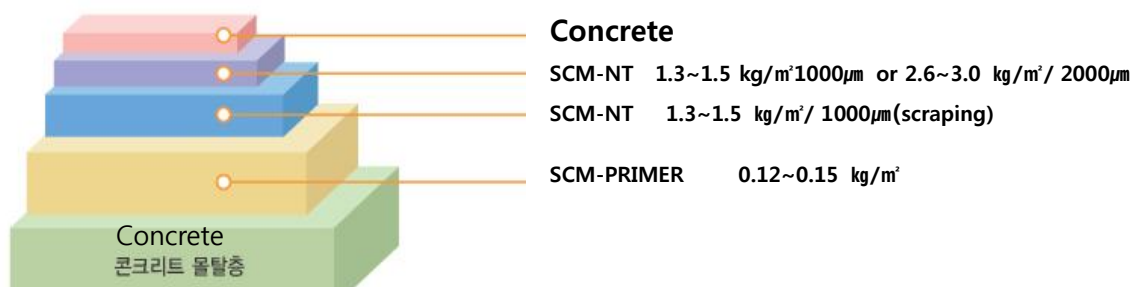
5. Mixing Ration

- **Resin(Part A) : Cure Agent(Part B) = 1 : 3 (by Weight)**

Mixing separately, then combine together and mix thoroughly with high speed dissolver for 3~5minutes prior to application

6. Pot Life & Recoating Interval

	SCM-PRIMER	SCM-NT
Components	1	2
Mixing Ration(Wt)	-	1 : 3
Pot Life (25℃)	10Hrs	20~30mins
Dry Time (25℃)	3Hrs	1.5Day
Dry to recoat	After 4Hrs	1~2Days
Fully Cure	12Hrs	7Days
Thinner	Do not dilute	Do not dilute
Shelf Life(Months)	12	12



7. REMARKS

- 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 PRIMER should be applied prior to application.
- For perfect film properties, avoid painting in rainy day(Max. humidity 85%) or cold day(Max 5℃)
- Bubbling may occur in case of applying this material in the high temperature
(air : above 30℃. surface : above 38℃)
- Do not store at temperature above 30℃
- Do not mix with other paints.
- Mixed paint would be gelation in course of time, it should be used within pot life.
And mix only amount of necessary.
- 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.

STORAGE

Products should be kept tightly closed when not in use and stored in a cool, dry place because they will absorb moisture if left in open containers and it could result in increased viscosity, color change and some crystallization of the products.

This product has a shelf life of 6 months when protected from moisture and air.

HANDLING PRECAUTION

Please refer to the MSDS for further information.