

POYLTAN TAR-450(S)

INTRODUCTION

POLYTANE TAR-450(S)

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

ADVANTAGES

- Excellent waterproofing
- Good chemical resistance

USE

- Waterproof coating (Non-Exposure)



TYPICAL PROPERTIES

Item	Typical value
Color	Black
Components	2
Solid by Volume(%)	93±2
Specific Gravity (Mixed)	1.4±0.1(g/cm ³)
Hardness(Shore A)	45±5
Theoretical coverage	4.0~4.5 kg/m ²
Recommended dry film thickness	3mm
Mixing Ration (Wt)	3 : 1 (Wt)
Shelf Life(Months)	6

Pot Life&Reconting interval

	POLYTANE PP-100	POLYTANE TAR-450(S)
Components	1	2
Mixing Ration(Wt)	-	3 : 1
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

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, POLYTANE PP-100 **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

- **POLYTANE PP-100 PRIMER**
- **POLYTANE PP-100 PRIMER + scraping : POLYTANE TAR-450(S) (0.6~1.0mm)**

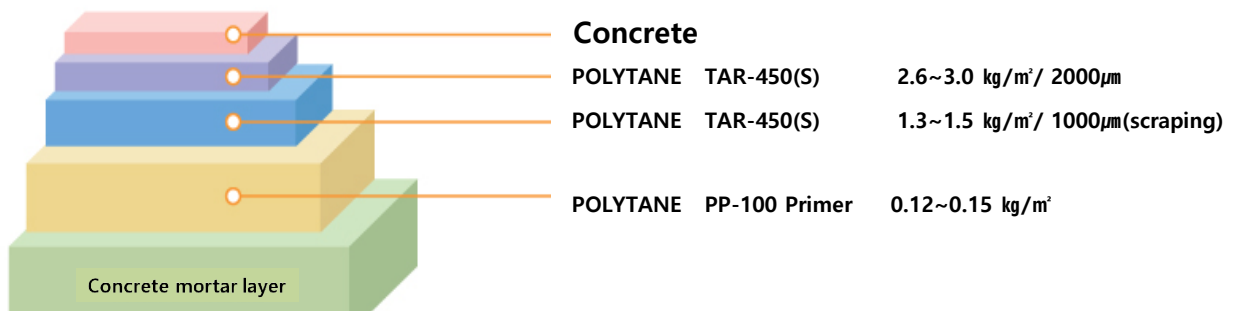
Safety Precaution

- 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.