

POYLTAN NT-450

INTRODUCTION

POLYTANE NT-450

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.

ADVANTAGES

- Excellent waterproofing
- Excellent adhesion
- 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) | 1.45±0.05(g/cm) |
| 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 NT-450 |
|-------------------|-----------------|-----------------|
| Components | 1 | 2 |
| Mixing Ration(Wt) | - | 3 : 1 |
| Pot Life (25°C) | 10Hrs | 20~30mins |
| Dry Time (25°C) | 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℃)
- Bubbling may occur in case of applying this material in the high temperature
(air : above 30℃. surface : above 38℃)

Preceding Coat

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

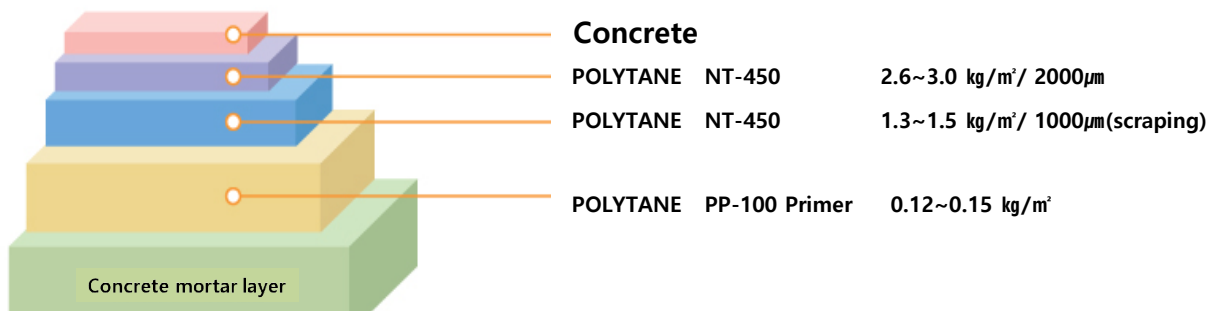
Safety Precaution

- 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℃

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.