

# SPORTHANE EXPOSURE WATERPROOFING COAT



## OVERVIEW

SPORTHANE EXPOSURE WATERPROOFING COAT is a two component, polyurethane resin based waterproof coating with excellent weathering and elongation to provide adaptability to crack of substrate.

- **Recommended Use**

As a waterproof coating for exposed area of roof and other parts of buildings.

## PHYSICAL PROPERTIES

### 1. Finish and Color

Gloss. Reddish Brown, Green. Other colors are available on request.

### 2. Drying Time

Substrate temperature	5°C/41°F	20°C/68°F	30°C/86°F
Set to touch	10 hours	5 hours	3 hours
Dry through	48 hours	24 hours	18 hours
Fully cured	10 days	5 days	3 days

### 3. Solids by Volume

Above 94%

### 4. Spreading Rate (Theoretical)

4.4Kg/m<sup>2</sup> in 3m/m dry film thickness on a smooth surface.

### 5. Specific Gravity

Mixed : Approx. 1.4

### 6. Flash Point

27°C/80.6°F (Closed cup).

## APPLICATION 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. Preceding Coat

SPORTHANE PRIMER or according to specification.

SPORTHANE PRIMER + Scraping: SPORTHANE EXPOSURE WATERPROOFING COAT  
(0.5~0.8mm)

**3. Application Conditions**

Do not apply when the temperature is less than 5°C/41°F, and relative humidity is above 80%. The surface temperatures must be at least 3°C(5°F) above dew point to prevent condensation.

**4. Mixing**

PTA(Part A) : PTB(Part B) = 2.66 :1 (by Weight).  
Mix separately, then combine together and mix thoroughly with high speed dissolver for 5 minutes prior to application.

**5. Pot Life & Recoating Time**

		5°C/41°F	20°C/68°F	30°C/86°F
Pot Life		50 mins.	30 mins.	20 mins.
Recoating Interval	Min.	48 hours	24 hours	18 hours
	Max.	96 hours	48 hours	36 hours

**6. Thinning**

Do not dilute.

**7. Method of Application**

Rake, Roller, Spatula.

**8. Film Thickness**

Recommended per coat 2- 3m/m dry (Except for scraping)

**9. Subsequent Coating**

SPORTHANE TOPCOAT or according to specification.

**10. Shelf Life**

PTA(Part A) : 12 months  
PTB(Part B) : 12 months  
\* Store in cool, dry, well-ventilated place.

**11. Packing**

PTA(Part A) : PTB(Part B) = 14.54 Kg : 5.46 Kg = 22.1 Kg : 8.3 Kg

**Remarks**

If the surface is not tacky from rain and snow, SPORTHANE PRIMER should be applied prior to application. In this time, spreading rate of SPORTHANE PRIMER is 0.1Kg/m<sup>2</sup>. Bubbling may occur in case of applying this material in the high temperature (air : above 28°C/82°F, surface : above 40°C/104°F). Do not store at temperature above 30°C/86°F. 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 SPORTHANE THINNER immediately after use.

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Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

