

# SPORTHANE TOPCOAT



## OVERVIEW

SPORTHANE TOPCOAT is a two component, quick drying, polyurethane resin based finishing coat with excellent workability and resistance to weathering, abrasion, chemicals and crack.

- **Recommended Use**

As a finishing coat in SPORTHANE coating system.

## PHYSICAL PROPERTIES

### 1. Finish and Color

Gloss. Flat. Grey, Green. Other colors are available on request.

### 2. Drying Time

Substrate temperature	10°C/50°F	20°C/68°F	30°C/86°F
Set to touch	2 hours	1 hour	40 mins.
Dry through	18 hours	9 hours	6 hours
Fully cured	7 days	5 days	4 days

### 3. Solids by Volume

Approx. 52%

### 4. Spreading Rate (Theoretical)

10.4m<sup>2</sup> / L in 50 microns dry film thickness on a smooth surface.

### 5. Specific Gravity

Approx. 1.2 ~ 1.3

### 6. Flash Point

27°C (Closed cup)

## APPLICATION DETAILS

### 1. Surface Preparation

Remove any oil, moisture, dust and other contaminants from the surface to be coated.

### 2. Preceding Coat

- \* SPORTHANE PRIMER / SPORTHANE ELASTIC MIDCOAT / SPORTHANE HARD LAYER MIDCOAT
- \* SPORTHANE PRIMER / SPORTHANE WATERPROOFING COAT KS CLASS 1 or according to specification.

### 3. Application Conditions

The surfaces must be completely clean and dry.

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**

## 1. Gloss

Base(PTA) : Curing Agent(PTB) = 2 : 1 (by weight)

## 2. Flat

Base(PTA) : Curing Agent(PTB) = 2 : 1 (by weight)

(Mix thoroughly with high speed dissolver for 5 minutes prior to application)

5.		10°C/50°F	20°C/68°F	30°C/86°F
	Pot Life	6 hours	5 hours	3 hour
Recoating Interval	Min.	18 hours	9 hours	6 hours
	Max	5 days	3 days	2 days

**6. Thinning**

SPORTHANE THINNER (Thinning ratio : Max. 20% by Volume)

**7. Method of Application**

Brush, Roller, Spray(Spattering) application.

**8. Film Thickness**

Recommended per coat 50 microns dry.

**10. Shelf Life**

BASE (PTA) : 12 months

CURING AGENT (PTB) : 12 months

\* Store in cool, dry, well-ventilated place.

**11. Packing**

		PTA	PTB	TOTAL
GLOSS	1	9.6 L	3 L	12.6 L
	2	2.74 L	0.86 L	3.6 L
FLAT	1	10.2 L	3 L	13.2 L

**Remarks**

Keep the thinning ratio(Max.20%), or the color separation and blemish will occur.  
 Mixture(PTA & PTB) should be applied within 2 hours, or adhesion will be decreased.  
 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>. Thick film per coat may result in bubbling defect. Avoid humidity. Protect skin and eyes, and prolonged breathing of solvent vapors. In case of contact, wash with organic solvent and followed by soap and water cleaning. Keep away from sparks and open flames. Use adequate ventilation.

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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.

