

SPORTHANE TOPCOAT

1. 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.

a. Recommended Use As a finishing coat in SPORTHANE coating system.

2. PHYSICAL PROPERTIES

a. Finish and color Gloss. Flat. Grey, Green.
Other colors are available on request.

b. Drying Time

| | 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 |

c. Solids by volume Approx. 52%

d. Spreading Rate 10.4m² / L in 50 microns dry film thickness on a smooth surface.
(Theoretical)

e. Specific Gravity Approx. 1.2 ~ 1.3

f. Flash Point 27°C (Closed cup)

3. APPLICATION DETAILS

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

b. Preceding Coat SPORTHAN PRIMER / SPORTHANE ELASTIC MIDCOAT / SPORTHANE HARD LAYER MIDCOAT
SPORTHANE PRIMER / SPORTHANE WATERPROOFING COAT KS
CLASS 1
or according to specification.

c. 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.

d. Mixing

1. Gloss

Base(PTA) : Curing Agent(PTB) = 3.2 : 1 (by Volume)

2. Flat

Base(PTA) : Curing Agent(PTB) = 3.4 : 1 (by Volume)

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

e. Pot Life & Recoating Interval

| | | 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 |

f. Thinning

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

g. Method of Application

Brush, Roller, Spray(Spattering) application.

h. Film Thickness

Recommended per coat 50 microns dry.

i. Shelf Life

BASE (PTA) : 12 months

CURING AGENT (PTB) : 12 months

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

j. Packing Unit

| | | 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 |

k. 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/m².

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.

I. Issued

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