

Sylac

Varnish & Coatings for wooden surfaces

2K Trans PU Topcoat TS 131/xx

Revision Date: 02/02/2017

Product Details

Product Name (code)	2K Trans PU Topcoat TS 131/xx (xx: 5,10,20,30,40,50,60,70,80,90)
Product Type	Solvent Borne Polyurethane Topcoat - Component A
Hardener Component B	For 5-70 Gloss use hardener: <ul style="list-style-type: none">• 50% Hardener H 090• 50% Hardener H 080: non yellowing hardener with increased hardness and best burnishing resistance.• 50% Hardener H 480: for increased hardness and burnishing resistance For 80-90 Gloss use hardener: <ul style="list-style-type: none">• 50% Hardener H107• 50% Hardener H109
Application	Interior Wooden Furnishings
Thinner	For application at: 15-25 °C: use Polyurethane Thinner P2 15-30 °C: use Polyurethane Thinner P2.5 30-35 °C: use Polyurethane Thinner P2 in combination with P3.
Description	Transparent Polyurethane Topcoat for a satin finish <ul style="list-style-type: none">• Thixotropic for application on vertical surfaces• Silk Satin finish with wax feel• Clarity that highlights the natural feel of the wood grain• Scratch resistant, with superior resistance to wear, maintaining coating's brilliance• High chemical resistance

Technical Data

Gloss (60°)	xx= 10, 20,30,40,50,60,70,80,90 ± 4 (EN ISO 2813:1994) Using Hardener H080 & H480 gloss levels are: TS 131/10 = 14 ± 4 (EN ISO 2813:1994) TS 131/20 = 24 ± 4 (EN ISO 2813:1994) TS 131/30 = 34 ± 4 (EN ISO 2813:1994) TS 131/45 = 50 ± 4 (EN ISO 2813:1994)
Solids	47,0 % ± 1 (EN ISO 3251:2003)
Viscosity	Brookfield (50 RPM, 20 °C): 340 cPs ± 150 (EN ASTM D 2196)
Adhesion	CAT 0 ± 1 (EN ISO 2409:1992)
Pot Life	6 hours

Product Information

Application and drying conditions	Between 15°C and 35°C
Storage	The product should not be stored above 40°C in a dry place away from heat or sun.
Recommended application weight	80-160 g/m ²
Application Area	8 m ² per L (for 120 g/m ²)
Dust free	15 min (100g/m ² @23°C)
Touch Dry	30 min (100g/m ² @23°C)
Stackable	24 hours (20 °C 100 g/m ²)
Forced air Drying (100 g/m²)	Flash off 15 min Hot air 50°C 80 min Cooling 15 min
Application apparatus	Spray gun, Airless spray gun
Packaging	5 L, 25L*, 200L * (* UN Certified packaging)
Shelf Life	24 months. After long periods of storage ensure homogeneity of the product by stirring well before use to eliminate any possible sediment.

Application

Preparation	Sand and clean the surface from dust, dirt, grease or wax. Before applying TS 131/xx satin, the wooden surface should be coloured and then filled with a basecoat, type S382.																
Mixing Procedure	<table><thead><tr><th></th><th>Product</th><th>(kg)</th><th>(L)</th></tr></thead><tbody><tr><td>Part A:</td><td>TS131/xx</td><td>100</td><td>100</td></tr><tr><td>Part B</td><td>H090/H080/H107*/H109*</td><td>50</td><td>50</td></tr><tr><td>Thinner</td><td>P2/P2.5/P3</td><td>30-50</td><td>35-60</td></tr></tbody></table> * only use H107&H109 with TS131/80 & TS131/90		Product	(kg)	(L)	Part A:	TS131/xx	100	100	Part B	H090/H080/H107*/H109*	50	50	Thinner	P2/P2.5/P3	30-50	35-60
	Product	(kg)	(L)														
Part A:	TS131/xx	100	100														
Part B	H090/H080/H107*/H109*	50	50														
Thinner	P2/P2.5/P3	30-50	35-60														
Application	Step 1: Mix product well to obtain uniform composition. Mix 2 parts component A with 1 part component B. Dilute A&B component by 30-50% with P2 or P2.5 thinner to desired application viscosity. At high application temperatures use of slower thinner (P3) is recommended. Step 2: Using spray gun with 1,8 - 2,0 mm nozzle or airless with 0,28 mm, (0,011") nozzle apply a film between 80 g/m ² and 200 g/m ² thickness. Step 3: Dry in a dust free environment at temperature below 35°C.																
Note for use in Tropical Climates & high temperatures	Use of a slower drying thinner such as P2.5 is recommended.																

The above information is given in good faith based on everything we know about the specific product. Every applier must take upon him to test the above information according to their personal work requirements before the application of the product. Sylac S.A. does not carry any responsibility for any damage that can result from the above information and instructions.