

# Sylac

Varnish & Coatings for wooden surfaces

## 2K Transparent Topcoat TS 032/xx

Revision Date: 15/10/2014

### Product Details

<b>Product Name (code)</b>	2K Transparent Topcoat TS 032/xx (xx: 20,30,40,50,60,70)
<b>Product Type</b>	Solvent Borne Polyurethane Topcoat - Component A
<b>Hardener Component B</b>	H 081 - Non yellowing hardener H 081 H 090 - Universal hardener H 091 - High solids universal hardener
<b>Thinner</b>	For application at: 15-25 °C: Polyurethane Thinner P2 15-30 °C: Polyurethane Thinner P2.5 15-35 °C: use Polyurethane Thinner P2 in combination with P3.
<b>Application</b>	Interior Wooden Furnishings including kitchen doors, flat parts of furniture subject to wear and tear.
<b>Description</b>	Transparent Polyurethane Topcoat for a satin finish <ul style="list-style-type: none"><li>Advanced burnishing and scratch resistance, maintaining the coatings brilliance.</li><li>Semi-thixotropic for application on flat surfaces</li><li>Silk Satin finish with wax feel</li><li>Clarity that highlights the natural feel of the wood grain</li><li>High chemical resistance</li></ul>

### Technical Data

<b>Gloss (60°)</b>	Using Hardener H081 gloss levels are:  xx = 20,30,40,50,60,70 % ± 4 (EN ISO 2813:1994)  Using Hardener H090 / H091 gloss levels are:  TS 032/20 = 13 ± 4 (EN ISO 2813:1994) TS 032/30 = 28 ± 4 (EN ISO 2813:1994)
<b>Solids</b>	42,5 % ± 1 (EN ISO 3251:2003)
<b>Viscosity</b>	Brookfield (50 RPM, 20 °C): 500 cPs ± 150 (EN ASTM D 2196)
<b>Adhesion</b>	CAT 0 ± 1 (EN ISO 2409:1992)
<b>Pot Life</b>	3 hours

### Product Information

<b>Application and drying conditions</b>	Between 15°C and 35°C
<b>Storage</b>	The product should be stored below 40°C, in a dry place away from heat or sun.
<b>Recommended application weight</b>	100-160 g/m <sup>2</sup>
<b>Dust free</b>	15 min (100g/m <sup>2</sup> @23°C)
<b>Touch Dry</b>	25 min (100g/m <sup>2</sup> @23°C)
<b>Application apparatus</b>	Spray gun, Airless spray gun
<b>Packaging</b>	5 L, 25L*, 200L * (* UN Certified packaging)
<b>Shelf Life</b>	24 months. After long periods of storage ensure homogeneity of the product by stirring well before use to eliminate any possible sediment.

### Application

<b>Preparation</b>	Sand and clean the wooden surface from dust, dirt, grease or wax. Before applying TS 032/xx satin, the wooden surface should be filled with a polyurethane basecoat, such as S381.																
<b>Mixing Procedure</b>	<table><thead><tr><th></th><th>Product</th><th>(kg)</th><th>(L)</th></tr></thead><tbody><tr><td>Part A:</td><td>TS032/xx</td><td>100</td><td>100</td></tr><tr><td>Part B (Hardener):</td><td>H081</td><td>50</td><td>50</td></tr><tr><td>Thinner</td><td>P2</td><td>20-30</td><td>22-35</td></tr></tbody></table>		Product	(kg)	(L)	Part A:	TS032/xx	100	100	Part B (Hardener):	H081	50	50	Thinner	P2	20-30	22-35
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Part B (Hardener):	H081	50	50														
Thinner	P2	20-30	22-35														
<b>Application</b>	<p><b>Step 1:</b> Mix product well to obtain uniform composition. Mix 2 parts component A with 1 part component B. Dilute A component by 20-30% with P2 thinner to desired application viscosity. At high application temperatures use of slower thinner (P3) is recommended.</p> <p><b>Step 2:</b> 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<sup>2</sup> and 180 g/m<sup>2</sup> thickness.</p> <p><b>Step 3:</b> Dry in a dust free environment at temperature below 35°C.</p>																
<b>Note for use in Tropical Climates &amp; high temperatures</b>	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.