

# Sylac

Varnish & Coatings for wooden surfaces

## 2K SB White PU High Gloss Topcoat TL1102/WH

Revision Date: 17/11/2017

### Product Details

<b>Product Name (code)</b>	2K SB White PU High Gloss Topcoat TL1102/WH
<b>Product Type</b>	Pigmented Solvent Borne 2 component Polyurethane Topcoat - Component A
<b>Hardener Component B</b>	- 100% (by wt) Hardener H 086 - 70-100% (by wt) Hardener H0823 (by vol) for very fast drying, to be used when surface will be shinned.
<b>Thinner</b>	For application at: 15-30 °C: Polyurethane Thinner P10
<b>Application</b>	Interior Wooden Furnishings
<b>Description</b>	Pigmented Polyurethane High Gloss White Topcoat <ul style="list-style-type: none"><li>• Superior brilliance with very high gloss</li><li>• Mirror like reflectivity at multiple angles</li><li>• Very high hiding power</li><li>• Fast drying</li><li>• Scratch resistant, with superior resistance to wear</li><li>• High chemical resistance</li><li>• High hiding power</li><li>• Easy shinning of the surface.</li></ul>

### Technical Data

<b>Gloss (60°)</b>	98 % ± 5 (EN ISO 2813:1994)
<b>Solids</b>	74 % ±1 (EN ISO 3251:2003)
<b>Viscosity</b>	Brookfield (20 RPM, 20 °C): 800 cPs ±300 (EN ASTM D 2196)
<b>Adhesion</b>	CAT 0 ±1 (EN ISO 2409:1992)
<b>Pot Life</b>	Using Hardener H0823: 1 hour Using Hardener H086: 2 hours
<b>Density (g/cm<sup>3</sup>)</b>	1.359

### Product Information

<b>Application and drying conditions</b>	Between 15°C and 30°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>	80-150 g/m <sup>2</sup>
<b>Application Area</b>	8 m <sup>2</sup> per L (for 120 g/m <sup>2</sup> )
<b>Dust free</b>	60 min (100g/m <sup>2</sup> @23°C) using H0823
<b>Touch Dry</b>	120 min (100g/m <sup>2</sup> @23°C) using H0823
<b>Stackable</b>	24 hours (100g/m <sup>2</sup> @23°C) using H0823
<b>Time to Shine</b>	24 hours (100g/m <sup>2</sup> @23°C) using H0823
<b>Application apparatus</b>	Spray gun, Airless spray gun
<b>Packaging</b>	5 kg, 25 kg, 200 kg
<b>Shelf Life</b>	12 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 wooden surface from dust, dirt, grease or wax. Apply an opaque, white basecoat such as Basecoat S0240/WH (recommended Hardener H060). Sand and clean the surface.

<b>Mixing Procedure</b>	<b>Using H086</b>	Product (kg)	(L)
	Part A:	TL1102/WH	100 100
	Part B:	H086	70-100 100 - 135
	Thinner	P10	10-15 15-20

<b>Using H0823</b>	Product (kg)	(L)	
	Part A:	TL1102/WH	100 100
	Part B:	H0823	70-100 100-135
	Thinner	P10	10-15 15-20

**Application**

**Step 1:** Mix product well to obtain uniform composition. Mix 1 part component A with 1 part component B (by weight). Dilute A component by 10-15%(wt) with P10 thinner to desired application viscosity. At high application temperatures use of slower thinner.

**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<sup>2</sup> and 150 g/m<sup>2</sup> thickness.

**Step 3:** Dry in a dust free environment at temperature below 35°C.

**Note:** At high application temperatures, it is advised to reduce the hardener to 80%(by wt) - 100% (by vol)

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.