

Sylac

Varnish & Coatings for wooden surfaces

2K SB White PU High Gloss Topcoat - TL 1101/WH

Revision Date: 19/01/2018

Product Details

Product Name (code)	2K SB White PU High Gloss Topcoat - TL1101/WH
Product Type	Pigmented Solvent Borne 2 component Polyurethane Topcoat - Component A
Hardener Component B (by weight)	- 60-100% Hardener H 086 - Standard Hardener - 60-100% Hardener H0823 for intermediate drying, to be used when surface will be shinned. - 60-100% Hardener H0803 for very fast drying, to be used when surface will be shinned.
Thinner	For application at: 15-23 °C: Polyurethane Thinner P3 or P4 23-30 °C: Polyurethane Thinner P4.5
Application	Interior Wooden Furnishings
Description	Pigmented Polyurethane High Gloss White Topcoat <ul style="list-style-type: none">• Superior brilliance with very high gloss• Mirror like reflectivity at multiple angles• Very high hiding power• Fast drying• Scratch resistant, with superior resistance to wear• High chemical resistance• High hiding power• Easy shinning of the surface.

Technical Data

Gloss (60°)	98 % ± 5 (EN ISO 2813:1994)
Solids	74 % ± 1 (EN ISO 3251:2003)
Viscosity	Brookfield (20 RPM, 20 °C): 800 cPs ±300 (EN ASTM D 2196)
Adhesion	CAT 0 ±1 (EN ISO 2409:1992)
Pot Life	Using Hardener H0803: 1 hour Using Hardener H0823: 1.5 hours Using Hardener H086: 2 hours
Density (g/cm³)	1.359

Product Information

Application and drying conditions	Between 15°C and 30°C
Storage	The product should be stored below 40°C in a dry place away from heat or sun.
Recommended application weight	80-200 g/m ²
Application Area	8 m ² per L (for 120 g/m ²)
Dust free	60 min (100g/m ² @23°C) using H0803
Touch Dry	120 min (100g/m ² @23°C) using H0803
Stackable	24 hours (100g/m ² @23°C) using H0803
Application apparatus	Spray gun, Airless spray gun
Packaging	5 kg, 25 kg, 200 kg
Shelf Life	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 H101). Sand and clean the surface.

Mixing Procedure	Product	(kg)	(L)
	Part A: TL1101/WH	100	100
	Part B: H086/H0823/H0803	60-100	80 - 140
	Thinner P3/P4/P4.5	15-45	25-70

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 15-45% with P3 or P4 thinner to desired application viscosity. At high application temperatures use of slower thinner (P4.5) 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/m² and 200 g/m² 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%.

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.