

Sylac

Varnish & Coatings for wooden surfaces

High Gloss PU 110 - T110

Revision Date: 06/06/2014

Product Details

Product Name (code)	High Gloss T110
Product Type	Solvent Borne Polyurethane Topcoat - Component A
Hardener Component B	100% H 110 - Hardener H110 100% H 109 - Hardener H109 100% H 086 - Non Yellowing Hardener H086
Thinner	For application at: 15-25 °C: Polyurethane Thinner P3 15-28 °C: Polyurethane Thinner P4 15-35 °C: Polyurethane Thinner P4.5
Application	Interior Wooden Furnishings
Description	Transparent Polyurethane Topcoat - Full gloss finish <ul style="list-style-type: none">• Very high gloss with superior brilliance• Mirror like reflectivity at multiple angles• Scratch resistant, with superior resistance to wear• High chemical resistance

Product Information

Application and drying conditions	Between 15°C and 35°C
Storage	The product should not be stored below 5°C and above 40°C.
Recommended application weight	80-180 g/m ²
Application Area	8 m ² per L (for 120 g/m ²)
Dust free	120 min (100g/m ² @23°C)
Touch Dry	5 hours (100g/m ² @23°C)
Stackable	48 hours (100g/m ² @23°C)
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.

Technical Data

Gloss (60°)	98 % ± 5 (EN ISO 2813:1994)
Solids	60,5 % ±2 (EN ISO 3251:2003)
Viscosity	Brookfield (50 RPM, 20 °C): 220 cPs ±50 (EN ASTM D 2196)
Adhesion	CAT 0 ±1 (EN ISO 2409:1992)
Hardness (König)	170 Sec ±30 (EN ISO 1522:1997)
Pot Life	6 hours (using H100 or H109 hardeners)

Application

Preparation	Sand and clean the wooden surface from dust, dirt, grease or wax. Before applying T110 topcoat, the wooden surface should be filled with a basecoat, type S480.		
Mixing Procedure	Using H100 or H 086		
	Product	(kg)	(L)
	Part A: T110	100	100
	Part B: H110/H086	100	100
	Thinner P 4	45-60	50-65
	Using H109		
	Product	(kg)	(L)
	Part A: T110	100	100
	Part B: H109	100	100
Application	Thinner P 4	5-20	5-25
	Step 1: Mix product well to obtain uniform composition. Mix 1 part component A with 1 part component B. Dilute A component with P4 thinner to desired application viscosity. Alternative recommended thinner is P3 at the same addition quantities as P4. 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/m ² and 180 g/m ² thickness.		
	Step 3: Dry in a dust free environment at temperature below 35°C.		

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.