

Sylac

Varnish & Coatings for wooden surfaces

Transparent High Gloss Topcoat T109

Revision Date: 09/06/2016

Product Details

Product Name (code)	Transparent High Gloss Topcoat T109
Product Type	Solvent Borne Polyurethane Topcoat - Component A
Hardener Component B	100% H109 - Hardener H109 50% H112 - Hardener H112 50% H101 - Hardener H101
Application	Interior Wooden Furnishings
Description	Transparent Polyurethane Topcoat - Full gloss finish <ul style="list-style-type: none">• Very high gloss• Scratch resistant, with high resistance to wear• High chemical resistance

Technical Data

Gloss (60°)	98 % ± 5 (EN ISO 2813:1994)
Solids	52,2 % ± 1 (EN ISO 3251:2003)
Viscosity	Brookfield (50 RPM, 20 °C): 150 cPs ± 50
Adhesion	CAT 0 ± 1 (EN ISO 2409:1992)
Pot Life	Using H109: 7 hours Using H112: 8 hours Using H101: 7 hours

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 in a dry place away from heat or sun. in a dry place away from heat or sun.
Recommended application weight	80-180 g/m ²
Dust free	120 min (100g/m ² @23°C)
Touch Dry	5 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.

Application

Preparation
Sand and clean the wooden surface from dust, dirt, grease or wax. Before applying T109 topcoat, the wooden surface should be filled with a basecoat, type S480. Preferably using a hardener of H480 with increased hardness.

Application Recommendations
Application of the high gloss topcoat is recommended at least 16 h after applying the basecoat so as to ensure complete hardening. Increased hardness and sufficient filling of the basecoat will result in higher gloss of the final coat. So as to obtain the highest gloss of the final surface apply 2 coats of high gloss topcoat, with in-between drying of 16-24 hours.

Mixing Procedure

	Using H109	Product	(kg)	(L)
Part A:	T109	100	100	
Part B:	H109	100	100	
Thinner	P 4	0-20	0-25	

	Using H112	Product	(kg)	(L)
Part A:	T109	100	100	
Part B:	H112	50	50	
Thinner	P 4	5-20	5-25	

	Using H101	Product	(kg)	(L)
Part A:	T109	100	100	
Part B:	H101	50	50	
Thinner	P 4	5-20	5-25	

Application

Step 1: Mix product well to obtain uniform composition. Mix 1 part component A with 1 part component B. Dilute A component by 0-20% with 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 180 g/m² thickness.

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

Thinner

For application at:
15-20 °C: Polyurethane Thinner P2
20-30 °C: Polyurethane Thinner P3 or P4
15-35 °C: use Polyurethane Thinner P2 in combination with P3.

For use in Tropical Climates & high temperatures:
Use of a slower drying thinner such as P4.5 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.