

161327

PU White Topcoat 327 HG

High Gloss White Polyurethane Topcoat

FEATURES

Properties:	Covering power	Smooth touch / extensibility	Scratch resistance / domestic chemical products resistance
Recommended use:	Interior general use.	Specially kitchen and bathroom furniture	Contract- Doors
Application method:	Spray Gun	Airmix system	
Recommended Hardeners:	190004 mix 2:1	190046 1:1 / 190091 1:1	190002 1:1
Recommended solvents:	510101	520204	500029, 540414 (retarder solvents)

AVAILABLE GLOSSES

161327	95-99 % (60°)		

TYPICAL PROPERTIES (25 °C)

Supply Viscosity, DIN4 (s)	42-65	VOC content (g/L)	423
Mix Viscosity, DIN4, 2:1 with 190004 by volume (s)	20-24	Solid content (%)	66-69
Density (Kg / L)	1.28-1.32		
Pot life with solvent (h)	4-6		

GENERAL FEATURES

Preparation			
161327	100 % by volume	Dust-free drying at 120 microns (min)	60
190004	50 % by volume	Touch free drying at 120 microns (h)	2
Recommended solvent (510101 or 510102)	5-15 % by volume	Stackable (h)	24
*Retardant solvent (540414)	5-10 % by volume	Recommended Weight (g/m2)	140-160
Application viscosity DIN4 (s)	16-18	Re-coating (h)	24

SUBSTRATE PREPARATION

Make sure that the surface is clean of dust or any other contaminant (grease, silicone, etc.)

Sealer must be sanded with 320-400 - 800 - 1200 sand paper (different steps) shortly before the topcoat application in order to get a perfect adherence

APPLICATION ADVICE

* Retardant solvent is recommended for high temperatures to improve wetting and spray properties. The type and quantity of solvent recommended are a guide, it depends on the application system and the environmental conditions. It is recommended to apply at temperature between 20 to 25°C and relative humidity of 45 to 75°C. In order to obtain the best performance in the topcoat, sealer must be dry totally , it means that It must let dry minimum 24 hours.

	% Thinner	Nozzles (mm)	Air Pressure (bar)	Varnish Pressure (bar)
Spray gun	5-15 %	1,8 - 2	2.5-5.5	
Airmix	5-15 %	0,6-0,8	0-2	80-110

PRECAUTIONS

Although the topcoat is practically not yellowing ,it is recommended not exposure directly to atmospheric agents, and do not use on garden furniture, exterior doors and windows.

During drying time, air currents must be avoided, because they will dry the surface of the film, appearing such problems like deaeration and inappropriate levelling

This topcoat doesn't work over melamine paper applying directly, in this case, first apply adherent primer like 130027, 980104, etc.

With regard to the danger and toxicity of this product before using it, we advise you to read its MSDS We recommend to keep the product at a temperature between 5 and 35°C, avoiding direct sun exposures of the containers. Expiry date: 1 year

ADDITIVES

Action	ADD	Dosage %	grams per 20 L can
Anti-Silicone Additive	980066 Anti- Silicone Additive 066	0.5- 5 %	100-1000
Anti-foaming	980112 Defoaming Additive 112	0.1-0.5 %	20-200

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