

120161

PU Clear Topcoat 161 SMT

Transparent super matt Polyurethane Topcoat

FEATURES

Properties:	Quick drying silky touch	Good extensibility , high viscosity	High solids, Good verticality
Recommended use:	For any type of furniture		
Application method:	Gun´s cup	Gun Airmix	
Recommended Hardeners:	2:1 100144	2.1 190025	
Recommended solvents:	510102 in winter	510101 or 520204 summer	500029 ,540414 retarder solvent

AVAILABLE GLOSSES

120160	5-7,5 % (60°)	120164	32-36 % (60°)
120161	8,5- 11,5% (60°)	120165	50-57% (60°)
120162	13-16 % (60°)	120168	69-74% (60°)
120163	22-26-% (60°)		

TYPICAL DATA (25 °C)

Supply Viscosity Din 4 (s)	60-80	Density (g/cc)	0,960 - 0,990
Mix Viscosity Din 4 (s)	27-31	Solid content (%)	41 - 44
Applicattion viscosity DIN4 (s)	16-18	COV ´s (% weight)	58,317
Time of life (Pot life)	6-8 h		

GENERAL FEATURES

Preparation	Drying 120 g/m ² to 25°C		
120161	100 parts by volume	Dust -free drying	20 min
100144	50 parts by volume	Touch-free drying	40 min
Recommended solvent (510101 or 510102)	20-30 % by volume	Stackable	24 hours
*Retardant solvent (540414)	5-10 % by volume	Amount recommended by hand (g/m ²)	120-150

SUBSTRATE PREPARATION

The sealer must be sanded with 320-400 sand paper shortly before the topcoat application in order to get a perfect adherence
Make sure this dry and free of dist or any pollutant.

APPLICATION ADVICES

* 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.

Application	Thinner %	Nozzle (mm)	Air Pressure (Atm)	Pressure Varnish (Bar)
Spray Gun	20 - 30	1.5 - 2	2.5 - 3	
Airmix Gun	15 - 25	0.6 - 0.9	0 - 2	60 - 110

PRECAUTIONS

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
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 %
Pollution of silicone	980066 Additive 066 Antisilicone	0 - 2%
Reduce Brightness	910015 Additive 015 Matizante	5% maximum

Note: the aforementioned data and the advices we give verbally, in writing or through tests, have been carried out following our loyal knowledge and mind, nevertheless they are considered as mere advices and indications without any obligation, and also with regard to the possible third party industrial property rights. Our advice does not exempt you from doing tests to the indications we may give you or to the products we may provide you, in order to check if these products are the suitable for the purposes indicated. The application, use and transformation of our products and of the products you manufacture under our technical advice will be made out of our vigilance and therefore will be of your sole responsibility. The sale of our products is under our Selling and Delivery General Conditions. //

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