

120165

PU Clear Topcoat 165 ST

Transparent Satin (semi-gloss) Polyurethane Topcoat

FEATURES

Properties:	Fast drying. Soft touch	Good covering power	Good sagging properties because of high viscosity.
Recommended use:	Interior general use.		
Application method:	Spray Gun	Airmix system	
Recommended Hardeners:	100144 mix 2:1	190025 mix 2:1	190013 mix 2:1
Recommended solvents:	510102	510101	520204, 500029, 540414 (retarder solvents)

AVAILABLE GLOSSES

120160	5-7.5 % (60)	120164	32-36 % (60)
120161	8.5- 11.5 % (60)	120165	50-57 % (60)
120161	13-16 % (60)	120168	69-74 % (60)
120163	22-26 % (60)		

TYPICAL PROPERTIES (25 °C)

Supply Viscosity, DIN4	55-75 s	VOC content:	571 gr / L
Mix Viscosity, DIN4, 2:1 with 100144	27-33	Solid content (%)	41-44
Density (Kg / L)	0.96-0.99		
Pot life	6-8 hours		

GENERAL FEATURES

Preparation			
120165	100 % by volume	Dust -free drying at 120 microns	20 min
100144	50 % by volume	Touch free drying at 120 microns	40min
Recommended solvent (510101 or 510102)	20-30 % by volume	Recommended Weight	120-150 gr/m2
*Retardant solvent (540414)	5-10 % by volume	Stackable	24 hours
Application viscosity DIN4 (s)	16-18		

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 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.

	% Thinner	Nozzles	Air Pressure (bar)	Varnish Pressure (bar)
Spray gun	20-30 %	1.5- 1.7 mm	40-80	
Airmix	20-30 %	0.6- 1.1 mm	10-30	80-110

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 %	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
Reducing gloss	910015 Matting Additive 015	5-10 %	1000- 2000

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. //