

120163

PU Clear Topcoat 163 MT

Transparent Matt 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 gun	
Recommended Hardeners:	100144 2:	190025 2:1	190013 2:1
Recommended solvents:	510102	510101	520204, 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, DIN4	60-80 s	VOC content:	557 g/l
Mix Viscosity, DIN4, 2:1 with 100144	27-33 s	Solid content ( %)	42-45
Pot life	6-8 hr		
Density	0.96-0.99 Kg /l		

**GENERAL FEATURES**

Preparation			
120163	100 % by volume	Dust -free drying at 120 microns	20 min
100144	50% by volume	Touch-free drying at 120 microns	40 min
Recommended solvent ( 510101 or 510102)	20-30 % by volume	Stackable	24 hours
*Retardant solvent ( 540414)	5-10 % by volume	Recommended Weight	120-150 gr/m2
Applicattion viscosity DIN4	16-18 s		

**SUBSTRATE PREPARATION**

Make sure that the surface is clean of dust or any other contaminant (grease, silicone, etc).  
The sealer must be sanded with 320-400 sand paper shortly before the topcoat application in order to get a perfect adherence

**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.

	% Thinner	Nozzles	Air Pressure ( bar)	Varnish Pressure ( bar)
Spray Gun	20-30	1.5-1.7	40-80	
Airmix	15 - 25	0.9-1.1	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
Reducing gloss	910015 Matting Additive 015	5-10	1000- 2000
Defoaming	980112 Defoaming Additive 112	0.1-0.5 %	20- 100

**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. //