

120160

PU Clear Topcoat 160 SMT

Transparent super matt Polyurethane Topcoat

FEATURES

Properties:	Quick drying. Silky touch	Good extensibility , high viscosity	High solids, Good for vertical applications
Recommended use:	For any type of furniture		
Application method:	Cup Spray Gun	Airmix system	
Recommended Hardeners:	100144 2:1	190025 2:1	
Recommended solvents:	510102 in winter	510101 or 520204 in summer	540414 with intense heat or high humidity as anti-blooming

AVAILABLE GLOSSES

120160	5 - 7.5 % (60°)	120164	32 - 36 % (60°)
120161	8.5 - 11.5 % (60°)	120165	50 - 57 % (60°)
120161	12 - 16 % (60°)	120168	69 - 74 % (60°)
120163	22 - 26 % (60°)		

TYPICAL PROPERTIES (25 °C)

Supply Viscosity, DIN4	60 - 85 s	VOC content (%w)	55.68
Mix Viscosity, DIN4	26 - 31 s	Solid content (%)	41 - 44
Density (Kg / L)	0.96-0.99		
Pot life	6 - 8 h		

GENERAL FEATURES

Preparation			
Dust -free drying of 120 g/m ²	20 min		
Touch free drying of 120 g/m ²	40 min		
Stackable	After 24 h		
Application viscosity DIN4	17 - 20 s		
Recommended Weight (g/m ²)	130 - 150		

SUBSTRATE PREPARATION

Apply over PU, PU AC or UV Sealers. Sealer must be sanded with 320-500 sand paper before the topcoat application in order to get a perfect adherence. Make sure that the surface is clean of dust or any other contaminant (grease, silicone, etc.)

APPLICATION ADVICE

The type and quantity of solvent recommended are a guide, it depends on the application system and the environmental conditions. Generally thin with 20% 510102 Solvent 102 PU or 510101 Solvent PU Medium. At high temperatures or humidity addition of 10 - 15% of 520204 Solvent 204 Retardant Medium or 540414 Solvent 414 Retardant is recommended.

	% Thinner	Nozzles	Air Pressure (bar)	Pump Pressure (bar)
Cup Spray gun	20 - 30	1.5- 2	2.5 - 3	
Airmix	15 - 25	0.6 - 0.9	0 - 2	40 - 100

PRECAUTIONS

Mix properly before using.
 We recommend to apply at 15 - 25 °C and 50 -75% relative humidity.
 Paint residues must be removed according to current regulations.
 With regard to the danger and toxicity of this product before using it, we advise you to read its MSDS
 Expiry date: 1 year (Stored between 5 - 35 °C)

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

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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