UA1503N
FREOPAS-Top Coat

Product description

Product technology	Solvent-based top coat
Resistance to light and weather	very good

General product properties

Colour	in accordance with RAL 841 GL other colours on request	
Gloss visually	glossy	
Viscosity	250 - 450 mPa*s	
Density	1,37 +/- 0,1 g/ml after addition of hardener	theoretical
Solid mass	93 % after addition of hardener	theoretical
Resistance to storage	approx. 6 month in original packagings at an ambient temperature of 5 to 25 °C. Open packages are to be used within a short time. The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.	

Application and processing

Pretreatment	The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, mill scale, wax and release agent residues.	
Structure recommendation	Substrate	Aluminium
	Primer	UR1937H Dry film thickness 60 - 80 µm
Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). In order to prevent mixing errors, repotting the mixed material is recommended. Contact with water and solvents must be avoided before and during the mixing process. Even small quantities will accelerate the curing process. (= reducing the processing time)	
Mixin ratio	100 kg UA1503 : 32 kg HU0325	
Recommended coating thickness	150 µm	
Processing conditions	Room temperature > 15 °C	
Processing time	max. 30 min. / 20 °C	
Airless spraying	Nozzle 1,8 - 2,2 mm angle 30 - 60° Material pressure 150 - 180 bar	
Rolling	as delivered viscosity	

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Material usage	without application loss 200 g/m² layer thickness 150 µm	theoretical
Dust drying	after 30 minutes (degree of dryness 1)	DIN EN ISO 9117-5
Dry to the touch	after 80 minutes (degree of dryness 4)	DIN EN ISO 9117-5
Full drying	after 7 day/s (pendulum damping)	DIN EN ISO 1522
Cleaning of equipment	Immediately with organic solvents, hardened residues can only be removed mechanically.	

Further processing of coated pieces

Repainting	after ca. 30 min. at 20 °C / 50 % rel. humidity.

Comments

Work-and Healthprotection	The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health and Safety at Work and environmental protection can be found in the corresponding safety data sheet.
Test conditions	All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge an experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information. The information provided here contains reference values and does not constitute a specification.

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