UA1504N_CLEARCOAT
FREOPAS-Top Coat

Product description

Product technology	Solvent-free 2C-PU coating
Resistance to light and weather	very good
Substrate	mineral

General product properties

Colour	opaque	
Gloss visually	glossy	
Viscosity	ca. 1000 mPa*s	
Density	1,40 g/ml	theoretical
Solid mass	ca. 95 % after addition of hardener	theoretical
Resistance to storage	At least 6 months in original packaging in case the original packaging stored tightly closed at 5 to 25 °C. Opened packagings must be processed quickly. The best-before date of the respective batch is indicated on the product label. Storage beyond the specified period does not necessarily mean that the product is unusable. However, it is essential to check the properties required for the respective application in this case for quality assurance reasons.	

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. An adhesive primer may be required.	
Structure recommendation	Basecoat	UA1504NRU999 Mixing ratio 85:15 Altrocolor PAS 7000
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)	

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Hardener	HU0165	
Mixin ratio	Parts by weight 100 : 45	
Processing conditions	from > 15 °C to 40 °C	
Processing time	Max. 20 min. / 20 °C The processing time can decrease at higher temperatures/humidities and/or under pressure.	
Airless spraying	Nozzle 1,8 - 2,2 mm angle 30 - 60° Material pressure 150 - 180 bar	
Rolling	as delivered viscosity	
Material usage	without application loss 700 g/m² layer thickness 500 µm	theoretical
Dust drying	after 25 minutes (degree of dryness 1)	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 10 - 15 min. at 20 °C / 50 % rel. humidity.

Chemical resistance

Influencing factors	The chemical resistance depends on the concentration, temperature, exposure time and test method. This has to be checked depending on the application.

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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