



## UA1504N\_CLEARCOAT FREOPAS-Top Coat

### Product description

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

### General product properties

<b>Colour</b>	opaque
<b>Gloss visually</b>	glossy
<b>Viscosity</b>	ca. 1000 mPa*s
<b>Density</b>	1,40 g/ml <span style="float: right;">theoretical</span>
<b>Solid mass</b>	ca. 95 % after addition of hardener <span style="float: right;">theoretical</span>
<b>Resistance to storage</b>	At least 12 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

<b>Pretreatment</b>	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.
<b>Structure recommendation</b>	Basecoat <span style="margin-left: 100px;">UA1504NRU999</span> Mixing ratio 85:15 <span style="margin-left: 100px;">Altrocolor PAS 7000</span>
<b>Note before use</b>	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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<b>Hardener</b>	HU0165	
<b>Mixin ratio</b>	Parts by weight 100 : 45	
<b>Processing conditions</b>	from > 15 °C to 40 °C	
<b>Processing time</b>	Max. 20 min. / 20 °C The processing time can decrease at higher temperatures/humidities and/or under pressure.	
<b>Airless spraying</b>	Nozzle 1,8 - 2,2 mm angle 30 - 60° Material pressure 150 - 180 bar	
<b>Rolling</b>	as delivered viscosity	
<b>Material usage</b>	without application loss 700 g/m <sup>2</sup> layer thickness 500 µm	theoretical
<b>Dust drying</b>	after 25 minutes (degree of dryness 1)	DIN EN ISO 9117-5
<b>Full drying</b>	after 7 day/s (pendulum damping)	DIN EN ISO 1522
<b>Cleaning of equipment</b>	Immediately with organic solvents, hardened residues can only be removed mechanically.	

### Further processing of coated pieces

<b>Repainting</b>	after 10 - 15 min. at 20 °C / 50 % rel. humidity.
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### Chemical resistance

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

<b>Work-and Healthprotection</b>	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.
<b>Test conditions</b>	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.