



BD7287V

DURELASTIC-PU-Top Coat

Product description

Product technology	Solvent-free 2C-PU coating
Resistance to light and weather	very good
Chemical resistance	Good, against weak acids and bases, as well as alcohols, colourants and oxidising agents.
Substrate	CFRP (carbon fiber-reinforced plastic), mineral

General product properties

Colour	colourless
Viscosity	ca. 1200 mPa*s
Density	1,20 g/ml theoretical
Solid mass	ca. 100 % after addition of hardener theoretical
Resistance to storage	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

Pretreatment	The substrate must be free of adhesion-improving substances such as oil, grease, rust, scale, mill scale, wax and release agent residues. An adhesive primer may be required.
Structure recommendation	Substrate On carbon fiber-reinforced plastic: CFRP
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)
Hardener	HD0233
Mixin ratio	Parts by weight 100 : 66
Thinning	EFD dilution 400450
Processing conditions	from > 15 °C to 40 °C
Processing time	Max. 8 - 15 min. / 20 °C The processing time can decrease at higher temperatures/humidities and/or under pressure.



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Airless spraying	Following the addition of the curing agent and approx. 10-30 % dilution
Rolling	as delivered viscosity
Material usage	200 - 1000 g/m ² mean test layer thickness theoretical
Cleaning of equipment	Immediately with organic solvents, hardened residues can only be removed mechanically.

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	<p>All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge and experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.</p> <p>The information provided here contains reference values and does not constitute a specification.</p>