

Bergolin Anti Slip 6D1900

Series 6D1900 · Pigmented, solvent-free 2K PUR liquid plastic for inner flanges of wind turbines



01 PRODUCT DESCRIPTION

Bergolin Anti Slip 6D1900 is a pigmented, solvent-free two-component polyurethane liquid plastic for the anti-slip coating of inner flanges on wind turbines. Its textured, slip-resistant surface ensures secure footing and a firm stance – even on damp or wet substrates – and thus reduces the risk of slipping and falling. Especially in the confined, frequently damp interior areas of rotor blades and hub, it makes an important contribution to the occupational safety of maintenance and assembly personnel. The liquid plastic is applied by roller, forms a high-build, mechanically resilient surface and can be adjusted thixotropically if required.

02 PRODUCT PROPERTIES

Binder system	Polyurethane		
Hardener system	PUR Hardener 7D055		
Cleaning thinner	Superdur Thinner 5D402		
Characteristics	 Pigmented	 Solvent-free	 Anti-slip
Color shade	Approx. RAL 7012 (further color shades on request)		
Gloss	Glossy		
Shelf life	Approx. 12 months in the unopened original container at +4 °C to +40 °C. Protect from frost and moisture.		

Property	Comp. A	Comp. B	Mixture
Density · DIN EN ISO 2811-1 · +20 °C **	Approx. 1.45 g/cm³	Approx. 1.24 g/cm³	Approx. 1.40 g/cm³
VOC content · IE Directive 2010/75/EU **	Approx. 0 g/l	Approx. 0 g/l	Approx. 0 g/l
Solid content (wt.-%) · SDS **	Approx. 100 %	Approx. 100 %	Approx. 100 %
Viscosity · DIN EN ISO 2555 / ISO 2431 · +20 °C	Approx. 37,000 mPas	Approx. 57 s (4 mm)	Approx. 8,000 mPas

** Depending on color shade

03 APPLICATION

The following information may vary depending on the application. Please contact your direct contact person for more detailed information.

Substrate	GRP (further substrates on request)
Surface preparation	The substrate must be mechanically sanded; before application it must be dry and clean.
Mixing ratio	100 : 25 by weight 3.4 : 1 by volume

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Mixing	Add the hardener completely to the base component and mix intensively with an electric stirrer. If required, the thixotropy can be increased by adding 1 % to max. 2 % rheology additive.
Theoretical consumption	Approx. 1.40 kg/m ² per 1000 µm dry film thickness
Application method	 Roller
Application conditions	 Air temperature from +10 °C  Relative humidity < 80 %  Dew point min. 3 °C below object temperature
Pot life ^{*2}	Approx. 80 min
Recoating interval (with itself) ^{*2}	Min. 16 h max. 48 h (without intermediate sanding, with itself). After the maximum recoating time has elapsed, mechanical surface preparation (e.g. sanding) is required.
DRYING^{*2}	
Dust-dry (TG 1)	Approx. 3 h
Walkable	Approx. 16 h
Fully loadable	Approx. 7 d (at +20 °C)
Compatible systems	The product can be combined with numerous other products from the Bergolin wind-energy portfolio to form a coordinated coating system. We will be glad to help you determine the suitable system combination – please contact our Technical Service.

^{*2} Values are based on laboratory measurements at +20 °C. Lower temperatures slow down drying; higher temperatures accelerate it.

04 NOTE

This product data sheet supersedes all previously published product data sheets. The information contained herein is based on practical experience under standard conditions and assumes proper storage and processing. Substrates, materials and working conditions may vary. Therefore, no warranty or liability can be derived from the information contained in this document or from verbal consultation. It is the buyer's responsibility to verify the product's suitability for the intended use. Preliminary trials are recommended. The relevant legal regulations, the leaflets of the BG RCI and the accident prevention regulations of the responsible employers' liability insurance association must be observed. In all other respects, our General Terms and Conditions of Sale and Delivery apply.

MODIFIED BY

20.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

20.08.2026 – Stefan Eisenmenger, Product Management