

BERGOLIN 2K-PUR-HAFTVERMITTLER 3D203

Series 3D203 · Solvent-borne, fast-drying 2K adhesion promoter (PVC-epoxy) for aluminium, PVC and existing coatings



01 PRODUCT DESCRIPTION

Bergolin 2K-PUR-Haftvermittler 3D203 is a solvent-borne, fast-drying two-component adhesion promoter based on a PVC-epoxy combination. It ensures very good adhesion on difficult substrates such as aluminium, PVC and existing coatings and serves as a bonding primer within the subsequent coating system.

02 PRODUCT PROPERTIES

Binder system	PVC-epoxy combination			
Hardener system	Bergolin Hardener 7D203			
Cleaning thinner	Bergolin Thinner 5D402			
Characteristics	 Very good adhesion	 Fast-drying	 Over-coatable	 Multi-substrate
Color shade	Yellow-translucent, colorless			
Gloss	Glossy			
Shelf life	Approx. 12 months in the unopened original container at +4 °C to +40 °C.			

Property	Comp. A	Comp. B	Mixture
Density · DIN EN ISO 2811-1 · +20 °C	Approx. 0.93 g/cm ³	Approx. 1.13 g/cm ³	Approx. 0.95 g/cm ³
VOC content · IE Directive 2010/75/EU	Approx. 714 g/l	Approx. 0 g/l	Approx. 628 g/l
Solid content (wt.-%) · SDS	Approx. 26 %	Approx. 100 %	Approx. 37 %
Viscosity · +20 °C	Approx. 17 s (4 mm) · ISO 2431	Approx. 1,000 mPas · ISO 2555	Approx. 23 s (4 mm) · ISO 2431

03 APPLICATION

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

Substrate	Aluminium, PVC, existing coatings (further substrates on request)
Surface preparation	Mechanically sand; the substrate must be dry and clean before application.
Mixing ratio	6 : 1 by weight 7.3 : 1 by volume
Mixing	Add the hardener component to the base component and stir thoroughly. Thinning of the material is not required.
Theoretical consumption	Approx. 35 g/m ² at 10 µm dry film thickness

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Application method	 Brush  Roller
Application conditions	 Application temperature > +10 °C  Relative humidity 20–80 %  Dew point Object temperature min. 3 °C above dew point
Pot life ^{*1}	Approx. 2 h
Recoating interval (with itself) ^{*1}	Min. 15 min max. 6 h
DRYING^{*1}	
Dust-dry (TG 1)	Approx. 10 min
Compatible systems	The product can be combined with numerous other Bergolin products to form a coordinated coating system. We will be glad to help you determine the suitable system combination – please contact our Technical Service.
^{*1} 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

01.09.2026 – Martin Krull, Head of Laboratory

APPROVED BY

01.09.2026 – Stefan Eisenmenger, Product Management