

Bergolin 2C Beton-Decklack 6D1000

Series 6D1000 · Rigid, pigmented, solvent-free 2K PU coating for mineral substrates outdoors



01 PRODUCT DESCRIPTION

Bergolin 2C Beton-Decklack 6D1000 is a rigid, pigmented, solvent-free two-component polyurethane coating for the durable protection and decorative finishing of mineral substrates such as concrete and screed. Developed for heavily stressed exterior surfaces, it offers excellent weather resistance. The coating features high hiding power and dries quickly. It can be applied economically by roller and forms a hard-wearing, color-stable surface.

02 PRODUCT PROPERTIES

Binder system	Polyurethane		
Hardener system	Bergolin Hardener 7D810		
Cleaning thinner	Superdur Thinner 5D402		
Characteristics	 Solvent-free	 Fast drying	 High hiding power
Color shade	Approx. RAL 7035 (further color shades on request)		
Gloss	Glossy		
Shelf life	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 *1	Approx. 1.53 g/cm³	Approx. 1.15 g/cm³	Approx. 1.43 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 · +20 °C *1	Approx. 6,000 mPas	Approx. 1,000 mPas	Approx. 3,000 mPas

*1 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	Cement concrete/screed (further substrates on request)
Surface preparation	Ensure sufficient load-bearing capacity before application. Surfaces to be coated must be firm, clean, free from grease, oil, wax, sand, dust and other release agents, with good grip, load-bearing, free from loose and sanding particles and free from standing water.
Mixing ratio	100 : 23 by weight 100 : 33.3 by volume

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Theoretical consumption	Approx. 143 g/m ² of the mixture at 100 µm DFT
Application method	 Roller
Application conditions	 Air temperature +10 °C to +35 °C  Relative humidity 20–80 %  Dew point min. 3 °C below object temperature
Working time ^{*2}	Approx. 30 min
Recoating interval (with itself) ^{*2}	Min. 1 h max. 168 h
DRYING^{*2}	
Dust-dry (TG 1)	Approx. 1 h
Through-dry (TG 7)	Approx. 2 h full mech./chem. load capacity after approx. 7 days
Compatible systems	Filler / pore filler: Bergolin 2C Concrete Filler (4D1000) Further applications on request.
^{*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