

Bergolin 2C Concrete Filler 4D1000

Series 4D1000 · Solvent-free polyaspartic pore filler and primer for mineral substrates



01 PRODUCT DESCRIPTION

Bergolin 2C Concrete Filler 4D1000 is a polyaspartic-based filler used in particular as a pore filler and primer on mineral substrates. The solvent-free formulation dries quickly, is abrasion-resistant, directly recoatable and adheres excellently to mineral substrates, creating a level, load-bearing base for subsequent coatings.

02 PRODUCT PROPERTIES

Binder system	Polyaspartic
Hardener system	Bergolin Hardener 7D1000-4
Cleaning thinner	Superdur Thinner 5D402
Characteristics	 Solvent-free  Abrasion-resistant  Fast-drying  Directly recoatable  Excellent adhesion
Color shade	RAL 6021 (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 *1	Approx. 1.47 g/cm³	Approx. 1.16 g/cm³	Approx. 1.38 g/cm³
VOC content · IE Directive 2010/75/EU *1	Approx. 0 g/l	Approx. 0 g/l	Approx. 0 g/l
Solid content (wt.-%) · SDS *1	Approx. 100 %	Approx. 100 %	Approx. 100 %
Viscosity · DIN EN ISO 2555 · +20 °C *1	Approx. 25,000 mPas	Approx. 27,000 mPas	Approx. 26,000 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. Cement concrete/screed: Free from grease, oil and dirt. Surface preparation of other substrates on request.
Mixing ratio	100 : 30 by weight 100 : 38.4 by volume

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Mixing	Stir both components separately and homogenise if necessary. Pour component B into the container of component A and mix with an electric stirrer for at least 3 min at max. 700 rpm. Transfer into a clean container and mix again thoroughly for approx. 1 min.
Theoretical consumption	Approx. 1.38 kg/m ² per mm (depending on substrate condition)
Application method	 Trowel
Application conditions	 Air temperature +5 °C to +25 °C  Relative humidity max. 50 %  Dew point min. 3 °C below object temperature Temperatures above +20 °C accelerate the reaction and curing process.
Pot life ^{*2}	Approx. 30 min (DIN EN ISO 9396). The working time may deviate from the pot life depending on container size and ambient conditions.
Recoating interval (with itself) ^{*2}	Max. 72 h.
DRYING^{*2}	
Dust-dry (TG 1)	Approx. 30 min (100 µm WFT)
Fully dried (TG 7)	Approx. 60 min (100 µm WFT)
Fully cured (mech. & chem.)	After complete curing
Compatible systems	Primer: Bergolin 2C Aqua Concrete Primer (3E1000) Topcoat: Bergolin 2C Beton-Decklack (6D1000) Topcoat: Bergolin 2C Concrete Topcoat (6D2500) 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 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

25.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

25.08.2026 – Stefan Eisenmenger, Product Management