

BERGOLIN 2C POLYCRETEX 4D3000

Series 4D3000 · Solvent-free, bio-based 2K PUR casting compound for the Aeroglide system and concrete



01 PRODUCT DESCRIPTION

Bergolin 2C PolyCreteX 4D3000 is a solvent-free, bio-based two-component polyurethane casting compound for the build-up and repair of components in the Aeroglide system as well as on concrete. It is tested to DIN EN 14527, cures quickly (demouldable after approx. 3 h) and, thanks to its bio-based content, has a low CO₂ footprint. Combined with the Aeroglide Topcoat 6D3800 series, very good adhesion is achieved.

02 PRODUCT PROPERTIES

Binder system	Polyurethane			
Hardener system	Bergolin PUR Hardener 7D055			
Cleaning thinner	Bergolin Thinner 5D402			
Characteristics	 Solvent-free	 Bio-based	 Low CO ₂ footprint	 Fast-drying
Color shade	Grey			
Shelf life	Approx. 12 months in the unopened original container at +4 °C to +40 °C. Protect from frost and moisture.			
Approvals & specifications	Tested to DIN EN 14527:2019-06, section 5.3.3.1			

Property	Comp. A	Comp. B	Mixture
Density · DIN EN ISO 2811-1 · +20 °C	Approx. 2.30 g/cm ³	Approx. 1.24 g/cm ³	Approx. 2.20 g/cm ³
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 %
Consistency · +20 °C	Pasty	Liquid	Pasty (trowellable)

03 APPLICATION

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

Substrate	Aeroglide Topcoat 6D3800 series, concrete (further substrates on request)
Surface preparation	The substrates must be dry, clean and free from oil, dust, scale and other contaminants.
Mixing ratio	100 : 8.7 by weight 44 : 7 by volume
Mixing	Add the hardener component to the base component and mix/knead intensively for approx. 1 minute with an electric stirrer.
Theoretical consumption	Approx. 110 kg/m ² of the mixture at 5 cm layer thickness

BERGOLIN 2C POLYCRETEX 4D3000

Series 4D3000 · Solvent-free, bio-based 2K PUR casting compound for the Aeroglide system and concrete



Film thickness	Varies depending on application
Application method	 Trowel
Application conditions	 Application temperature +15 °C to +35 °C  Relative humidity 30–85 %
Pot life ^{*1}	Approx. 24 min (without accelerator)
CURING^{*1}	
Demouldable	Approx. 3 h (without accelerator)
Compatible systems	Bergolin Aeroglide Topcoat 6D3800 series

^{*1} Values are based on laboratory measurements at +20 °C. Lower temperatures slow down curing; 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