

BERGOLIN 2C AQUA CONCRETE PRIMER 3E1000

Series 3E1000 · Water-thinnable 2K epoxy primer for cement concrete and screed



01 PRODUCT DESCRIPTION

Bergolin 2C Aqua Concrete Primer 3E1000 is a water-thinnable two-component epoxy primer for cement concrete and screed. It dries quickly, is low in emissions and virtually odourless and forms a sound, well-adhering primer for subsequent coatings indoors. As a water-based system, it allows pleasant, low-emission working even in enclosed spaces. It penetrates well into mineral substrates, consolidates the surface and ensures reliable bonding of the subsequent coating system.

02 PRODUCT PROPERTIES

Binder system	Epoxy resin
Hardener system	Bergolin Hardener 7E1000
Adjustment thinner	Deionised water (if required)
Cleaning thinner	Bergolin Hydro Reiniger 5P420
Characteristics	 Water-thinnable  Fast-drying  Low-emission
Color shade	White
Gloss	Glossy
Shelf life	Approx. 6 months in the unopened original container at +4 °C to +40 °C. Protect from frost.

Property	Comp. A	Comp. B	Mixture
Density · DIN EN ISO 2811-1 · +20 °C	Approx. 1.17 g/cm ³	Approx. 1.06 g/cm ³	Approx. 1.12 g/cm ³
VOC content · IE Directive 2010/75/EU	Approx. 12 g/l	Approx. 10 g/l	Approx. 11 g/l
Solid content (wt.-%) · calculated	Approx. 85 %	Approx. 41 %	Approx. 63 %
Viscosity · DIN EN ISO 2555 · +20 °C	Approx. 9,000 mPas	Approx. 300 mPas	Approx. 1,500 mPas

BERGOLIN 2C AQUA CONCRETE PRIMER 3E1000

Series 3E1000 · Water-thinnable 2K epoxy primer for cement concrete and screed



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 : 100 by weight 100 : 110 by volume
Mixing	Combine both components in the specified ratio and homogenise intensively for approx. 1 minute with an electric stirrer.
Theoretical consumption	Approx. 160 g/m ² of the mixture at 100 µm dry film thickness
Application method	 Roller
Application conditions	 Application temperature +4 °C to +40 °C  Relative humidity 60–80 %  Dew point Object temperature min. 3 °C above dew point
Working time ^{*1}	Approx. 1 h
Recoating interval (with itself) ^{*1}	With Bergolin 2C Concrete Topcoat 6D1000: min. 1 h max. 168 h
DRYING^{*1}	
Dust-dry (TG 1)	Approx. 1 h
Through-dried (TG 7)	Approx. 4 h
Compatible systems	Filler: Bergolin 2C Concrete Filler 4D1000 Topcoat: Bergolin 2C Beton-Decklack 6D1000 Further applications on request.

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

BERGOLIN 2C AQUA CONCRETE PRIMER 3E1000

Series 3E1000 · Water-thinnable 2K epoxy primer for cement concrete and screed

**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

28.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

28.08.2026 – Stefan Eisenmenger, Product Management