

SUPERDUR-AC-KLARLACK 2D762 THIX

Series 2D762 · Solvent-borne, thixotropic 2K PU clear coat for mineral substrates and plastic coatings



01 PRODUCT DESCRIPTION

Superdur-AC-Klarlack 2D762 Thix is a solvent-borne, thixotropic two-component polyurethane clear coat for the colorless sealing of mineral substrates and plastic coatings. It offers good weather and abrasion resistance as well as high flexibility and, thanks to its non-sag properties, can be applied cleanly even on vertical surfaces.

02 PRODUCT PROPERTIES

Binder system	Polyurethane		
Hardener system	Bergolin PUR Hardener 7D054		
Adjustment thinner	Superdur Thinner 5D402		
Cleaning thinner	Superdur Thinner 5D402		
Characteristics	 Weather resistant	 Abrasion-resistant	 Thixotropic
Color shade	Colorless		
Gloss	Satin matt		
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. 0.96 g/cm ³	Approx. 1.07 g/cm ³	Approx. 1.00 g/cm ³
VOC content · IE Directive 2010/75/EU * ¹	Approx. 458 g/l	Approx. 265 g/l	Approx. 428 g/l
Solid content (wt.-%) · SDS * ¹	Approx. 45 %	Approx. 75 %	Approx. 50 %
Flow viscosity · DIN EN ISO 2431 · +20 °C * ¹	Approx. 60 s (4 mm)	Approx. 42 s (4 mm)	Approx. 55 s (4 mm)

*¹ Depending on color shade

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03 APPLICATION

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

Substrate	Cementitious concrete/screed, plastic coatings (further substrates on request)
Surface preparation	Cementitious concrete/screed: Mechanical preparation to ZTV-SIB (TI 011). Plastic coatings: Surfaces of epoxy resin, polyurethane and unsaturated polyester resins can be recoated within 48 h without preparation; otherwise sand carefully.
Mixing ratio	5 : 1 by weight
Theoretical consumption	Approx. 96 g/m ² at 50 µm dry film thickness
Application method	 Brush  Roller  Spraying
Application conditions	 Application temperature +4 °C to +40 °C  Relative humidity max. 85 %  Dew point min. 3 °C below object temperature
Processing note	When applying with perlon rollers, bubbles may form; remove them while still wet using an area brush.
Pot life ^{*2}	Approx. 4 h
Recoating interval (with itself) ^{*2}	Min. 24 h max. 10 d
DRYING^{*2}	
Dust-dry (TG 1)	Approx. 1 h
Through-dried (TG 7)	Approx. 16 h
Fully loadable (mech. & chem.)	Approx. 7 d

^{*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
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APPROVED BY
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