SUPERDUR-AC-KLARLACK 2D762

Series 2D762 · Solvent-borne 2K PU clear coat for sealing mineral and metallic substrates

01 PRODUCT DESCRIPTION

Superdur-AC-Klarlack 2D762 is a solvent-borne two-component polyurethane clear coat for the decorative sealing of mineral and metallic substrates such as steel, zinc/aluminium as well as cementitious concrete and screed. It offers good weather resistance and forms a clear, uniform protective layer that enhances the appearance of the substrate. The sealer can be applied economically by roller and provides lasting protection of the surface against soiling and wear.

02 PRODUCT PROPERTIES

Binder system	Polyurethane
Hardener system	Bergolin PUR Hardener 7D054
Adjustment thinner	Superdur Thinner 5D402 or 5D411
Cleaning thinner	Superdur Thinner 5D402
Characteristics	Weather resistant · Clear sealer
Color shade	Colorless (other colors on request)
Gloss	Matt to 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. 1.0 g/cm³	Approx. 1.06 g/cm³	Approx. 1.05 g/cm³
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. 54 %	Approx. 75 %	Approx. 50 %
Flow viscosity · DIN EN ISO 2431 · +20 °C *¹	–	Approx. 37 s (4 mm)	Approx. 60 s (4 mm)
Viscosity · DIN EN ISO 2555 · +20 °C *¹	Approx. 1,700 mPas	–	Approx. 1,700 mPas

*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	Steel, zinc/aluminium, cementitious concrete/screed (further substrates on request)
Surface preparation	Ensure sufficient load-bearing capacity before application. **Steel:** Surface preparation to EN ISO 12944-4. Free from weld spatter, pores, overlaps, burrs, grease, oil and dirt. Blast-clean to Sa 2½. Pretreatment of other substrates on request.
Mixing ratio	5 : 1 by weight
Theoretical consumption	Approx. 90 g/m² at 40 µm dry film thickness
Application method	Roller
Application conditions	**Application temperature** +4 °C to +40 °C **Relative humidity** max. 85 % **Dew point** min. 3 °C below object temperature
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. 6 h
Fully loadable (mech. & chem.)	Approx. 10 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

28.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

28.08.2026 – Stefan Eisenmenger, Product Management