

SUPERDUR AC-DECKLACK 6D762

Series 6D762 · Solvent-borne 2K polyester topcoat (GSB) for aluminium building elements, windows and doors



01 PRODUCT DESCRIPTION

Superdur AC-Decklack 6D762 complies with the test guidelines of the GSB quality association ("Stückbeschichtete Bauelemente") and is used primarily for the weather-resistant, decorative coating of façade elements, windows and doors made of aluminium. Other metals such as steel and zinc can also be reliably coated with the Superdur AC-Decklack. Based on a high-quality polyester combination, it offers excellent weathering and UV resistance with very good color and gloss retention. After full curing it forms a mechanically and chemically resistant surface that provides lasting protection of the coated components against corrosion, yellowing and chalking. The Superdur AC-Decklack is available in almost all RAL shades as well as special and metallic shades and can be applied flexibly by brush, roller and airless spraying. It is therefore particularly suited to demanding architectural and façade applications that call for a durable, decorative and standard-compliant coating.

02 PRODUCT PROPERTIES

Binder system	Polyester combination			
Hardener system	Bergolin PUR Hardener 7D054			
Adjustment thinner	Superdur Thinner 5D402 or Superdur Thinner 5D411 (slow)			
Cleaning thinner	Superdur Thinner 5D402			
Characteristics	 Weatherresistant	 Colorstable	 Mechanically resistant	 Chemicalresistant
Color shade	RAL shades; special and metallic shades on request			
Gloss	Matt to satin gloss			
Shelf life	Comp. A approx. 12 months, comp. B approx. 6 months in the unopened original container at +4 °C to +40 °C.			

Property	Comp. A	Comp. B	Mixture
Density · DIN EN ISO 2811-1 · +20 °C * ¹	Approx. 1.40 g/cm ³	Approx. 1.05 g/cm ³	Approx. 1.05–1.35 g/cm ³
VOC content · IE Directive 2010/75/EU * ¹	390–537 g/l	Approx. 265 g/l	375–498 g/l
Solid content (wt.-%) · SDS * ¹	48–70 %	Approx. 75 %	51–71 %
Flow viscosity · DIN EN ISO 2431 · +20 °C	Approx. 110 s (4 mm)	Approx. 37 s (4 mm)	Approx. 120 s (4 mm)

*¹ Depending on color shade

SUPERDUR AC-DECKLACK 6D762

Series 6D762 · Solvent-borne 2K polyester topcoat (GSB) for aluminium building elements, windows and doors



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
Surface preparation	Ensure sufficient load-bearing capacity before application. The substrate must be dry, clean and free from scale, grease, oil and electrolytes. Steel: Surface preparation to EN ISO 12944-4; free from weld spatter, pores, overlaps, burrs, grease, oil and dirt. Blast-clean to Sa 2½, mean roughness Rz approx. 50–70 µm. Primer: Superdur ZP Haftgrund 3D760. Zinc / aluminium: Degrease and mechanically roughen or sweep-blast. Primer: Superdur ZP Haftgrund 3D760.
Mixing ratio	6 : 1 or 5 : 1 by weight (color-dependent)
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. 215 g/m² at 50 µm dry film thickness (color-dependent); GSB requirement 50–80 µm
Application method	 Brush  Roller  Airless spraying
Application conditions	 Application temperature +15 °C to +30 °C  Relative humidity max. 85 %
Working time ^{1,2}	Approx. 8 h
DRYING^{1,2}	
Dust-dry (TG 1)	Approx. 1 h
Fully dried (TG 7)	Approx. 8 h
Fully load-bearing (mech. & chem.)	After full curing, approx. 7 d
Compatible systems	Primer (steel, zinc, aluminium): Superdur ZP Haftgrund 3D760 Further applications on request.

^{1,2} Values are based on laboratory measurements at +20 °C. Lower temperatures slow down drying; higher temperatures accelerate it.

SUPERDUR AC-DECKLACK 6D762

Series 6D762 · Solvent-borne 2K polyester topcoat (GSB) for aluminium building elements, windows and doors



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

25.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

25.08.2026 – Stefan Eisenmenger, Product Management