BERGOLIN 1K-ALUPROTECT 2T853-0000

Series 2T853-0000 · Solvent-borne 1K coil-coating lacquer (polyester-amino) for primed/chromated aluminium

01 PRODUCT DESCRIPTION

Bergolin 1K-AluProtect 2T853-0000, colorless is a solvent-borne single-component coil-coating lacquer based on polyester-amino resin for industrial use. It is applied by roller-coating and stoved in a drying oven and is distinguished by high resistance to household chemicals as well as good light resistance.

02 PRODUCT PROPERTIES

Binder system	Polyester-amino resin combination
Adjustment thinner	Bergolin Thinner 8R0175
Characteristics	Single-component · Stoving lacquer · Light-resistant · Chemically resistant
Color shade	Colorless
Gloss	Satin gloss
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	Approx. 1.05 g/cm³	–	–
VOC content · IE Directive 2010/75/EU	Approx. 414 g/l	–	–
Solid content (wt.-%) · SDS	Approx. 60 %	–	–
Flow viscosity · DIN EN ISO 2431 · +20 °C	Approx. 120–140 s (4 mm)	–	–

03 APPLICATION

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

Substrate	Primed or chromated aluminium
Surface preparation	The substrates must be dry, clean and free from oil, dust, scale and other contaminants.
Theoretical consumption	Approx. 3–6 g/m² dry film thickness
Application method	Roller coating
Application conditions	**Application temperature** +15 °C to +30 °C **Relative humidity** 30–75 %

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DRYING	
Stoving (drying oven)	Zone temperatures 120 / 180 / 240 °C · dwell time approx. 60 s

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	APPROVED BY
28.08.2026 – Martin Krull, Head of Laboratory	28.08.2026 – Stefan Eisenmenger, Product Management