BERGOLIN ALUPROTECT 6S889

Series 6S889 · Solvent-borne 2K coil coating with high chemical resistance for aluminium

01 PRODUCT DESCRIPTION

Bergolin AluProtect 6S889 is a solvent-borne two-component coil coating for industrial use with high chemical resistance. It is applied by engraved-roller coating on coil-coating lines and cured in the drying oven, and is suited to coating primed or chromated aluminium.

02 PRODUCT PROPERTIES

Binder system	Epoxy-amino resin combination
Hardener system	2K Alu-Protect Hardener 7S855
Adjustment thinner	Methoxypropanol
Cleaning thinner	Methoxypropanol
Characteristics	Chemically resistant · Stoving lacquer
Color shade	Steel (further color shades on request)
Gloss	Satin gloss
Shelf life	Approx. 6 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. 1.05 g/cm³	Approx. 1.16 g/cm³	Approx. 1.05 g/cm³
VOC content · IE Directive 2010/75/EU *¹	Approx. 311 g/l	Approx. 545 g/l	Approx. 312 g/l
Solid content (wt.-%) · SDS *¹	Approx. 46–50 %	Approx. 39.8 %	Approx. 46–50 %
Flow viscosity · DIN EN ISO 2431 · +20 °C	Approx. 100–120 s (4 mm)	Approx. 14–18 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	Primed or chromated aluminium
Surface preparation	The substrates must be dry, clean and free from oil, dust, scale and other contaminants.
Mixing ratio	100 : 0.50 by weight
Mixing	Mix both components homogeneously with an electric stirrer.
Theoretical consumption	Approx. 3–6 g/m²
Application method	Engraved roller / coil-coating line
Application conditions	**Application viscosity** 40–100 s (4 mm DIN cup, incl. hardener and thinner, +20 °C)
Pot life	Approx. 24 h
DRYING	
Zone temperatures (drying oven)	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

26.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

26.08.2026 – Stefan Eisenmenger, Product Management