BERGOLIN HS CLEARCOAT 2T540-2

Series 2T540-2 · Solvent-borne, matt 1K stoving clearcoat (acrylic-melamine) for aluminium substrates

01 PRODUCT DESCRIPTION

Bergolin HS Clearcoat 2T540-2, matt colorless is a solvent-borne single-component stoving clearcoat based on acrylic-melamine resin, cured in a drying oven. It forms a matt, weather-resistant and impact-resistant clearcoat and is particularly suited to the coating of aluminium substrates.

02 PRODUCT PROPERTIES

Binder system	Acrylic-melamine resin combination
Adjustment thinner	Bergolin Thinner 5T415
Cleaning thinner	Bergolin Thinner 5T415
Characteristics	Single-component · Stoving lacquer · Weather-resistant · Impact-resistant
Color shade	Colorless (other colors on request)
Gloss	Approx. 18–22 GU (matt) · 60° · DIN EN ISO 2813
Shelf life	Approx. 12 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	Approx. 0.9–1.0 g/cm³	–	–
VOC content · IE Directive 2010/75/EU	Approx. 522 g/l	–	–
Solid content (wt.-%) · DIN EN ISO 3251	Approx. 43–49 %	–	–
Flow viscosity · DIN EN ISO 2431 · +20 °C	Approx. 22–24 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	Bergolin basecoat
Surface preparation	The substrate must be dry, clean and free from grease, oil, dust, scale and other contaminants.
Theoretical consumption	Approx. 90 g/m² at 40 µm dry film thickness
Application method	Electrostatic spray line *Application viscosity 22–24 s (4 mm DIN cup).*

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Application conditions	**Application temperature** +10 °C to +30 °C **Relative humidity** 20–80 %
DRYING	
Stoving (drying oven)	Approx. 15 min at +150 °C object temperature

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