

LUXIT-EB-TAUCHLACK 6T517

Series 6T517 · Solvent-borne, pigmented 1K coil-coating dip lacquer (stoving) for steel and stainless steel



01 PRODUCT DESCRIPTION

Luxit-EB-Tauchlack 6T517 is a solvent-borne, pigmented single-component coil-coating dip lacquer based on polyacrylate for industrial use. It is applied by dipping and subsequently stoved in a drying oven, forming a uniform, decorative and durable coating on steel and stainless-steel components.

02 PRODUCT PROPERTIES

Binder system	Polyacrylate		
Adjustment thinner	0–5 % Bergolin Thinner 5T511		
Cleaning thinner	Bergolin Thinner 5T511		
Characteristics	 Single-component	 Stoving lacquer	 Glossy, decorative look
Color shade	Color shades on request		
Gloss	Glossy		
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 *1	Approx. 1.30 g/cm ³	–	–
VOC content · IE Directive 2010/75/EU *1	Approx. 502 g/l	–	–
Solid content (wt.-%) · DIN EN ISO 3251 *1	Approx. 62 %	–	–
Flow viscosity · DIN EN ISO 2431 · +20 °C	Approx. 65–75 s (4 mm)	–	–

*1 Depending on color shade

03 APPLICATION

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

Substrate	Steel, stainless steel
Surface preparation	Ensure sufficient load-bearing capacity before application. Steel / stainless steel: Surface preparation to EN ISO 12944-4. Free from weld spatter, pores, overlaps, burrs, grease, oil and dirt.
Theoretical consumption	Approx. 41 g/m ² at 15 µm dry film thickness

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Application method



Dipping

Application viscosity 40–50 s (4 mm DIN cup, +20 °C).

Application conditions



Application temperature +15 °C to +30 °C



Relative humidity 30–75 %

DRYING

Stoving (drying oven)

5–10 min at 180–220 °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

25.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

25.08.2026 – Stefan Eisenmenger, Product Management