

WEDOX UNIPRIMER 3P703-T

Series 3P703-T · Solvent-borne 1K acrylic coating (polyacrylate) for steel, zinc and aluminium



01 PRODUCT DESCRIPTION

Wedox Uniprimer 3P703-T is a solvent-borne single-component acrylic coating based on polyacrylate for steel as well as zinc and aluminium substrates. It is characterised by good weather resistance, high abrasion resistance and excellent adhesion, dries quickly and can be recoated directly. The material serves as primer and topcoat in one and can be applied by brush, roller, spray and dipping.

02 PRODUCT PROPERTIES

Binder system	Polyacrylate			
Adjustment thinner	Bergolin Thinner 5E403			
Cleaning thinner	Bergolin Thinner 5E403			
Characteristics	 Single-component	 Weather-resistant	 Abrasion-resistant	 Good adhesion
Color shade	Black			
Gloss	Matt			
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. 1.25 g/cm³	–	–
Solid content (wt.-%) · SDS	Approx. 58 %	–	–
Solid content (vol.-%) · SDS	Approx. 40 %	–	–
Flow viscosity · DIN EN ISO 2431 · +20 °C	Approx. 120 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	Steel, zinc/aluminium (further substrates on request)
Surface preparation	Ensure sufficient load-bearing capacity before application. 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. Zinc/aluminium: Degrease and mechanically abrade or sweep-blast.
Theoretical consumption	Approx. 0.11 kg/m² at 60 µm dry film thickness

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Application method	 Brush  Roller  Spraying  Dipping
	Ready to use, max. 5 % thinner; for spraying/dipping thin to 40 s (DIN 4 mm cup).
Application conditions	 Application temperature +4 °C to +40 °C (above +20 °C accelerated curing)  Relative humidity 30–85 %  Dew point Object temperature min. 3 °C above dew point
Recoating interval (with itself) ^{*1}	Min. 2 h max. 3 months
DRYING^{*1}	
Dust-dry (TG 1)	Approx. 1.5 h
Through-dried (TG 7)	Approx. 8 h (at 60 µm wet film thickness)
Fully load-bearing (mech. & chem.)	After full curing, approx. 7 days
Compatible systems	The product can be combined with numerous other Bergolin products to form a coordinated coating system. We will be glad to help you determine the suitable system combination – please contact our Technical Service.
^{*1} Values are based on laboratory measurements at +20 °C. Lower temperatures slow down drying; higher temperatures accelerate it.	

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

01.09.2026 – Martin Krull, Head of Laboratory

APPROVED BY

01.09.2026 – Stefan Eisenmenger, Product Management