

PEKINOL KH TOPCOAT 6A220

Series 6A220 · Solvent-borne 1K alkyd topcoat, seawater-resistant and elastic, for marine and industrial use



01 PRODUCT DESCRIPTION

Pekinol KH Topcoat 6A220 is a single-component alkyd topcoat for interior and exterior applications. It is particularly suited to marine and maritime installations as well as industrial plants, including engine and pump housings. Its seawater-resistant, elastic and low-yellowing formulation forms a durable, resistant surface even under demanding ambient conditions and, thanks to its versatile application and good coverage, enables an economical and reliable coating.

02 PRODUCT PROPERTIES

Binder system	Alkyd resin
Adjustment thinner	Bergolin Thinner 5P030
Cleaning thinner	Bergolin Thinner 5P030
Characteristics	   Seawaterresistant Colorstable Elastic
Color shade	Various RAL color shades (on request)
Gloss	Satin matt, satin gloss or high 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 * ¹	Approx. 1.07 g/cm ³	–	–
VOC content · IE Directive 2010/75/EU * ¹	Approx. 400 g/l	–	–
Solid content (wt.-%) · SDS * ¹	Approx. 62 %	–	–
Viscosity · +20 °C * ¹	Thixotropic	–	–

*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	Steel (further substrates on request)
Surface preparation	Ensure sufficient load-bearing capacity before application. Steel: Surface preparation in accordance with EN ISO 12944 (e.g. blast-cleaning or manual/mechanical de-rusting).
Theoretical consumption	Approx. 0.110 kg/m ² or approx. 9 m ² /kg at 50 µm dry film thickness
Application method	 Brush / wide brush  Roller  Airless spraying  Air (high-pressure)

SPRAY PARAMETERS BY APPLICATION METHOD

Parameter	Airless	Air (high-pressure)
Thinner addition	Max. 5 %	Max. 10 %
Recommended spray nozzles	0.011–0.015 inch	1.5 mm
Spray pressure	120–180 bar	3.4 bar
Spray passes	1–2	1–2

Application conditions	 Application temperature +10 °C to +30 °C  Relative humidity max. 85 %  Dew point Object temperature min. 3 °C above dew point
Recoating interval ^{1,2}	Min. 8 h

DRYING^{1,2}

Dust-dry (TG 1)	Approx. 4 h
Fully dried (TG 2)	Approx. 6 h
Fully load-bearing (mech. & chem.)	After full curing, approx. 7 days

^{1,2} 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

26.08.2026 – Martin Krull, Head of Laboratory

APPROVED BY

26.08.2026 – Stefan Eisenmenger, Product Management