

TEKNOCOAT AQUA SEALER 231-124

Waterborne pigmented sealer

This product is recommended for industrial coating of wood-based substrates. This basecoat for roller application serves as a base for further coatings with TEKNOS waterborne printing inks and TEKNOS UV topcoats. By using the appropriate layer design and drying conditions, it is possible to achieve chemical resistance R4 / R7 according to IOS-MAT-0066.



TECHNICAL DATA

Fields of application	Boards, Furniture
Recommended substrate	HDF, MDF, Wood
Binder	Acrylate
Solids	65 ± 5 % by weight
Viscosity	900 ± 200 mPas at +20°C
Volatile organic compound (VOC)	Approx. 14 ± 3 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Thinner	If needed the product can be diluted with water. For the amount of dilution, please contact our technical service.
pH	8 - 10
Density	white: 1.6 ± 0.1 kg/l colourless: 1.2 ± 0.1 kg/l pigmented: 1.4 ± 0.1 kg/l
Storage	Storage and transportation temperature is +25 ± 5°C. Storage stability is 1 year in unopened package. Protect from heat and freeze!

DIRECTION FOR USE

Surface preparation	The application is normally effected during a direct coating process of wood-based substrates. Please consult our technical staff prior to other applications.
Application method	Roller coating
Recommended amount to be applied	15 - 30 g/m ² (per layer in wet film)

Application	Stir thoroughly before use. Apply by roller coater, with a shore hardness of preferably 40 - 50 shore (Isobutylene/Isoprene-Copolymer or EPDM-Prepolymer). Intermediate drying after each layer is recommended.
Application conditions	The recommended application temperature is +20 – +35 °C.
Drying methods	Jet dryer i.e. IR-dryer. Adjustment of drying parameters according to film weight and line speed is necessary. A preliminary test of the complete build-up is recommended.
Cleaning	Water. Wash the equipment immediately after use.

HEALTH AND SAFETY

Safety and precaution measures	See safety data sheet.
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