

# TEKNOCOAT AQUA SEALER 231-101

## Waterborne pigmented sealer

This product is recommended for industrial coating of wood-based substrates. This pigmented basecoat for roller application has a good hiding power and serves as a base for further coating with TEKNOS waterborne printing inks and/or TEKNOS UV topcoats.



### TECHNICAL DATA

Fields of application	Boards, Furniture
Recommended substrate	HDF, MDF, Wood
Binder	Acrylate
Solids	58 ± 7 % by weight
Viscosity	30 ± 5 s in DIN-cup 6 mm at +20 °C
Volatile organic compound (VOC)	white and pigmented: approx. 6 ± 3 g/l (DIRECTIVE 2010/75/EU) colourless: approx. 0 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: 1.4 ± 0.1 kg/l pigmented: 1.5 ± 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	This product was especially developed for the application on pre-primed 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 <sup>2</sup> (per layer in wet film)

<b>Application</b>	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.
<b>Application conditions</b>	The recommended application temperature is +20 – +35 °C.
<b>Drying methods</b>	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.
<b>Cleaning</b>	Water. Wash the equipment immediately after use.

## HEALTH AND SAFETY

<b>Safety and precaution measures</b>	See safety data sheet.
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