

# **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.







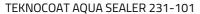


### **TECHNICAL DATA**

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)  Thinner	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  If needed the product can be diluted with water. For the amount of dilution, please contact our technical service.
рН	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/m² (per layer in wet film)





Application	Stir thoroughly before use.
	Apply by roller coater, with a shore hardness of preferably 40 - 50 shore
	(Isobutylen/Isopren-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.

#### Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.