

TECHNICAL DATASHEET

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Product name: TEKNOCOAT AQUA SEALER 231-123 1001 WHITE OPAQUE R4/R7

Colour code: 1001 WHITE OPAQUE R4/R7

Description & Intended use:

This product is recommended for the industrial coating of wood-based substrates.

This base-coat for roller application serves as the basis for further coatings with TEKNOS waterborne printing inks and/or TEKNOS UV top-coats. By using an appropriate layer construction and drying conditions, it is possible to achieve R4/R7 chemical resistance according to IOS-MAT-0066.

Characteristics:

Viscosity:	50-75 sec. DIN 6mm/20°C*
Density at 20°C:	1,5 ± 0,2 kg/l
Solid Content:	65 ± 5 by weight %, Fast test halogen dryer (160°C, 1g; Internal test standard No. 26)
pH Value:	8 – 10
VOC:	VOC-free
Pigments:	Contains no lead-, cadmium- or chromate pigments
Classification:	No migration of hazardous materials such as heavy metals

Application:

Preparation:	Stir well before use
Hardener:	None
Thinner:	If required, adjust viscosity with water
Viscosity:	As delivered
Temperature:	The best application – temperature is 20 – 35°C
Film Weight:	2-3 x 20 – 30 g/m ² or 25 – 40 g/m ² (wet)
Application:	Roller coater, with a shore hardness of preferable 40 – 50 shore (Isobutylene/Isoprene-Copolymer or EPDM-Prepolymer).
Drying:	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.

Application technology advice, technical data or recommendations are carried out to the best of our ability, albeit non-binding excluding warranty and limitation on liability. This data sheet will be rendered invalid as soon as replaced by a revised version. Please request the latest version.

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Substrate: This product was especially developed for the application on pre-primed wood-based substrates.
Please consult our technical staff prior to other applications.

Storage: The product should be stored between 5°C and 30°C. At a temperature of 23 ± 2°C the product has a shelf life of up to 6 month, from produce date, in its original sealed trading unit. Higher temperatures reduce the shelf life. Protect from sunlight and frost.

Cleaning: Clean equipment with water directly after use.

Precautions: Refer to Health and Safety Data Sheet.

Health & Safety: Refer to Health and Safety Data Sheet.

*Determined on day of product release.

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