

# TECHNICAL DATASHEET

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**Product name:** TEKNOCOAT AQUA SEALER 231-124 ALL COLOURS

**Colour code:** ALL COLOURS

## 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 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:

pH value:	8 -10
Viscosity:	45 - 65 sec. DIN 6mm/20°C*
Density at 20°C:	1,5 ± 0,1 kg/l
Solid Content:	64 ± 5 by weight %, Fast test halogen dryer (160°C, 1g; internal test standard No. 26)
Pigments:	Contains no lead-, cadmium- or chromate pigments
VOC:	max.4 %
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 15 - 20 g/m <sup>2</sup> (wet) with intermediate drying per roller application
Application:	Roller coater, with a shore hardness of preferable 40 – 50 shore (Isobutylene/Isoprene-Copolymer or EPDM-Prepolymer).

\*Determined on day of product release.

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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**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.

**Substrate:** The application is normally effected during a direct coating process of 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  $23 \pm 2^\circ\text{C}$  the product has a shelf life of up to 12 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.