

# TECHNICAL DATASHEET

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**Product name:**           **TEKNOCOAT AQUA SEALER 231-145 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/or TEKNOS UV top-coats.

## **Characteristics:**

Viscosity:                    50 ± 5 sec. DIN 6mm/20°C\*

Density at 20°C:           1,4 ± 0,3 kg/l

Solid Content:              60 - 70 by weight %, Fast test halogen dryer (160°C, 1g; Internal test standard No. 26)

VOC:                         < 2%

Pigments:                  Contains no lead-, cadmium- or chromate pigments

Classification:            No migration of hazardous materials such as heavy metals.

pH Value:                  8 - 10

## **Application:**

Preparation:                Stir well before use

Hardener:                  None

Thinner:                    If required, adjust viscosity with water

Viscosity:                  As delivered

Film Weight:               5 - 15 g/m<sup>2</sup>, (wet) with intermediate drying per roller application.

Application:               Roller coater, with a shore hardness of preferable 40 – 50 shore (Isobutylen/Isopren-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.

\*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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**Product name:** **TEKNOCOAT AQUA SEALER 231-145 ALL COLOURS**

**Colour code:** **ALL COLOURS**

**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  $23 \pm 2^\circ\text{C}$  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.