

# TECHNICAL DATASHEET

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**Product name:**           **TEKNOCOAT AQUA SEALER 231-191 1001 IBW R4/R7**

**Colour Code:**           **1001 IBW 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 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:                   15-30 sec. DIN 8mm/20°C\*

Density at 20°C:           1,7 ± 0,2 kg/l

Solid Content:             70 ± 5 by weight %, fast test halogen dryer (160°C, 1g; Internal test standard No. 26)

VOC:                        max. 2%

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

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

pH Value:                 8-10

## **Application:**

Preparation:               Stir well before use

Hardener:                 None

Thinner:                  If required, adjust viscosity with water

Viscosity:                 As delivered

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).

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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**Substrate:** This product 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 ± 2°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.