

# TECHNICAL DATASHEET

Page: 1 of 2

**Product name:** TEKNOCOAT AQUA PRIMER 221-123 1001 WHITE OPAQUE R4/R7  
**Colour code:** 1001 WHITE OPAQUE R4/R7

## Description & Intended use:

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

This waterborne adhesive base-coat for roller application has a high opacity and is used in the direct printing process of wood-based substrates.

## Characteristics:

Viscosity:  $65 \pm 10$  sec. DIN 8mm/20°C\*  
Density at 20°C:  $1.5 \pm 0.1$  kg/l  
Solid Content:  $65 \pm 5$  by weight %, Fast test halogen dryer (160°C, 1g; Internal test standard No. 26)  
VOC: VOC-free  
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:  $2 \times 15 - 30$  g/m<sup>2</sup> (wet) with intermediate drying per roller application.  
Application: Roller coater, with a shore hardness of preferably 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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Page:2 of 2

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