

TECHNICAL DATASHEET

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Product name: TEKNOCOAT AQUA PRIMER 221-124 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 good adhesion to the substrate and subsequent layers. 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: 65 ± 10 sec. DIN 8mm/20°C*
Density at 20°C: 1.5 ± 0.1 kg/l
Solid Content: 65 ± 5 by weight %, Fast test halogen dryer (160°C, 1g; Internal test standard No. 26)
VOC: max. 1%
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 x 15 - 30 g/m² (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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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.