

TEKNOCOAT AQUA PRIMER 221-104

Waterborne pigmented primer

This product is recommend for the industrial lacquering of wood-based substrates. Waterborne pigmented primer to be applied in roller machines. This product improves the bond between the board and the following direct printed PDL- build up. The product is especially designed as a primer for production lines with line speed > 40m/min.



TECHNICAL DATA

Fields of application	Boards, Furniture
Recommended substrate	HDF, MDF
Binder	Acrylate
Solids	70 ± 5 % by weight
Viscosity	50 ± 10 s in DIN-cup 6 mm at +20°C
Volatile organic compound (VOC)	Approx. 5 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Thinner	If needed the product can be diluted with water. For the amount of dilution, please contact our technical service.
pH	8 - 10
Density	1.65 ± 0.1 kg/l
Storage	Storage and transportation temperature is +25 ± 5°C. Storage stability is 1 year in unopened package. Protect from heat and freeze!

DIRECTION FOR USE

Surface preparation	This product was especially developed for the direct printing and lacquering process of wood-based substrates. Please consult our technical staff prior to other application.
Application method	Roller coating
Recommended amount to be applied	15 - 30 g/m ² (per layer in wet film)
Application	Stir thoroughly before use. Apply by roller coater, with a shore hardness of preferably 40 - 50 shore (Isobutylen/Isopren-Copolymer or EPDM-Prepolymer). Intermediate drying after each layer is recommended.

Application conditions	The recommended application temperature is +20 – +35°C.
Drying methods	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.
Cleaning	Water. Wash the equipment immediately after use.

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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