

TEKNOCOAT AQUA 1878-23

One-component topcoat

Water-borne enamel for surface treatment of wood, MDF, Masonite, and chipboards for interior use.

Impact-resistant and tough surface with good non-blocking properties. Good adhesion to primer and substrate. Good surface appearance. Fast drying. Good resistance to water, coffee, and alcohol.



TECHNICAL DATA

Fields of application	Furniture, Interior doors, Panels, Mouldings
Recommended substrate	Chipboard, MDF, Softwood, Hardwood, HDF, Masonite
Solids	39-51% by weight
Total mass of solids	410-640 g/l depending on colour
Volatile organic compound (VOC)	Approx. 39 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.
Theoretical spreading rate	8-10 m ² /l
Film thickness	100-150 g/m ²
Colours	Available in all RAL and NCS-S colours or at your request.
Tinting system	Teknolor
Gloss (60°)	Semi-matt
Thinner	Water.
Storage	The storage stability is shown on the label. Store in a tightly closed container. Optimum temperature: +18°C-+22°C. Must not freeze.

DIRECTION FOR USE

Surface preparation	The wood must be free from wood dust and contamination.
Priming	AQUAFILLER 2800, TEKNOCOAT AQUA 1875-98, TEKNOCOAT AQUA PRIMER 1866, or AQUAFILLER 1100.
Application method	Conventional spraying, Airless spraying, Air-assisted airless spraying
Application conditions	Certain wood species such as cedar, oak, mahogany, ash, etc. contain water-borne extractives, which can leach through the coating and stain opaque finishes. Please contact our technical department for further information.

Drying time	+23 °C / 50% RH
- touch dry	1 h
- fit for sanding	2 h
- forced drying	+50 °C / 50% RH: - touch dry: approx. 30 min. - fit for sanding: approx. 40 min.
	The drying times are based on an amount applied of 100 g wet lacquer per m ² and efficient ventilation. After forced drying the substrate should be cooled to a temperature below +25 °C before stacking. This will reduce the risk of blocking.
Cleaning	Water, TEKNOCLEAN 1949-00.

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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