

# TEKNOCOAT AQUA 1330-05

## Water-borne lacquer

Water-borne lacquer for surface treatment of furniture and other wooden substrates for indoor use.

Quick drying lacquer that provides an excellent wearing resistant surface and good wood wetting. May be used as one-component and as two-component product.

FURNITURE TEST - Field of application:

Chairs/beds/shelves: Extra high demands

Tables: High demands

Less exposed surfaces: Extra high demands

Meet the demands of category 1, 2, 3, 4, and (5). Surface resistance varies with the wood species. Separate furniture test reports can be requested.



## TECHNICAL DATA

<b>Fields of application</b>	Furniture
<b>Recommended substrate</b>	Softwood, Hardwood
<b>Solids</b>	Approx. 30-35% by weight
<b>Volatile organic compound (VOC)</b>	Approx. 45 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.
<b>Gloss (60°)</b>	50
<b>Pot life</b>	Approx. 2 h
<b>Thinner</b>	As one-component product: The product is delivered ready for use. If needed the product can be diluted with water.
<b>Density</b>	Approx. 1.04 kg/l
<b>Storage</b>	Protected against frost and not above +30°C. The storage stability is shown on the label. Store in a tightly closed container.

## DIRECTION FOR USE

<b>Surface preparation</b>	The surface should be well smoothed to reduce rising of wood fibres. Previously painted surfaces should be properly mat sanded. The wood must be free from wood dust and contamination.
----------------------------	---

<b>Application method</b>	Conventional spraying																		
<b>Recommended amount to be applied</b>	2 x 100 g/m <sup>2</sup> .																		
<b>Application</b>	As two-component product: MIXING OF THE COMPONENTS: Approx. 5% HARDENER 7323-05 is added to the product. Is added during mechanical stirring. After adding HARDENER 7323-05 the product is thinned with approx. 2% water.  Stir thoroughly before use.																		
<b>Application conditions</b>	Should not be applied or left to dry at temperatures below +18°C. For evaluation of ventilation please contact Teknos consultant. Wood containing tannin such as oak may result in smoke-tinting. Before final lacquering we recommend test lacquering and tape test.																		
<b>Drying time</b>	<table border="1"><thead><tr><th>+20°C / 60% RH</th><th>As one-component</th><th>As two-component</th></tr></thead><tbody><tr><td>- fit for sanding</td><td>Approx. 1 h</td><td>Approx. 1.5 h</td></tr><tr><td>- stackable</td><td>Approx. 2 h</td><td>Approx. 2.5 h</td></tr><tr><td>Min. +40°C / 60% RH</td><td>As one-component</td><td>As two-component</td></tr><tr><td>- fit for sanding</td><td>Approx. 30 min.</td><td>Approx. 45 min.</td></tr><tr><td>- stackable</td><td>Approx. 45 min.</td><td>Approx. 1 h</td></tr></tbody></table> <p>The drying times are based on an amount applied of 100 g wet lacquer per m<sup>2</sup> and efficient ventilation. After forced drying the objects should be cooled to +30°C before stacking.</p>	+20°C / 60% RH	As one-component	As two-component	- fit for sanding	Approx. 1 h	Approx. 1.5 h	- stackable	Approx. 2 h	Approx. 2.5 h	Min. +40°C / 60% RH	As one-component	As two-component	- fit for sanding	Approx. 30 min.	Approx. 45 min.	- stackable	Approx. 45 min.	Approx. 1 h
+20°C / 60% RH	As one-component	As two-component																	
- fit for sanding	Approx. 1 h	Approx. 1.5 h																	
- stackable	Approx. 2 h	Approx. 2.5 h																	
Min. +40°C / 60% RH	As one-component	As two-component																	
- fit for sanding	Approx. 30 min.	Approx. 45 min.																	
- stackable	Approx. 45 min.	Approx. 1 h																	
<b>Drying methods</b>	Air or oven drying.																		
<b>Cleaning</b>	Water, TEKNOCLEAN 1949-00.																		

## HEALTH AND SAFETY

**Safety and precaution measures** See safety data sheet.

**Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091**

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage [www.teknos.com](http://www.teknos.com). All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.