

**Teknos TEKNOCOAT AQUA 1330 - 31 Matt on New Timber**  
**[Interior]**

**AU\_SW12360**

Description
<p>TEKNOCOAT AQUA 1330 is a Water borne lacquer suitable for the surface treatment of furniture and other wooden substrates for indoor use. It is a quick drying lacquer that provides a hard wearing, scratch resistant surface that also meets with R2 IKEA approval. The product is formulated for factory application.</p>

Substrate And Substrate Preparation
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<p><b>Substrate Notes:</b></p>	<p><b>SUBSTRATE DESCRIPTION</b></p> <p><b>NEW TIMBER</b>                      New timber items should be delivered in a clean dry condition, just prior to installation. The timber should be inspected for physical defects, such as splinters, cracks, woolly grain, machine marks, and knot holes and also for other defects such as sap and tannin stains, and resin exudation from knots. Examine surfaces for wax or preservatives. Moisture content should be close to equilibrium, usually 10-17% for satisfactory staining or coating. Timber should be stored out of the weather before painting. Timber left exposed to the weather for as little as one month prior to painting will suffer from reduced paint adhesion and durability.</p> <p><b>AGED TIMBER</b>                      Old timber surfaces should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, old unsound paint, dirt and any surface contamination. These defects should be rectified prior to painting.</p> <p><b>TANNIN RICH TIMBER</b>                      Tannins are water-soluble compounds present in some timbers such as meranti, merbau, kwila, western red cedar and tallowwood. These tannins are leached out by water or moisture and can cause staining of surrounding areas. They are seen as dark coloured stains either under or within a coating.                      Tannin staining is most obvious in light coloured coatings, such as whites. Darker and wood-toned colours hide the tannin stains best. When using light colours on tannin rich timbers, an appropriate primer should be used to seal the tannins in the wood.</p> <p><b>MANUFACTURED HARDBOARD</b>                      These products are manufactured as smooth sheets consisting of wood fibres bound with either natural lignin or a small percentage of phenolic resin. Hardboard is widely used as interior panelling but is vulnerable to moisture and therefore not suitable for exterior exposure or in high condensation conditions. Repairing damaged hardboard is not generally practical and it is advisable to completely replace any damaged sections. These products are manufactured from timber fibre bound with thermosetting phenol formaldehyde resin. They contain wax which may inhibit the drying of solvent based alkyd enamels and tannins which may bleed through water based coatings. As manufactured the smooth surfaces provide an ideal surface for finishing but machined edges are more porous and may show fibre raising when primed.</p>
<p><b>Substrate Preparation Notes:</b></p>	<p><b>ASSESS SUITABILITY</b> Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-17% before staining or finishing can commence.</p> <p><b>REMOVE SURFACE CONTAMINANTS</b> Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Scrape off and remove residual contaminants by solvent cleaning. Use scraper to remove dirt and mortar splashes. Any greyed wood fibres on aged timbers need to be removed by sanding and / or suitable chemical wood cleaner. <b>CLEAN</b> Clean to remove all dirt, dust and all other surface contaminants by using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.</p> <p><b>REPAIR SURFACE IMPERFECTIONS</b> Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.</p> <p><b>SANDING</b> Sand dressed timber with fine sandpaper in direction of the grain and along the full length of the board. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage.</p>

Coating System Summary
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<b>1st Coat:</b>	AU_DW02255: Teknos AQUA FILLER 2800 Semi Gloss
<b>2nd Coat:</b>	AU_DW02305: Teknos TEKNOCOAT AQUA 1330 - 31 Matt
Please refer to the coating system details below	

Coating System			
<b>Coat Type:</b>	1st Coat	<b>Datasheet:</b>	AU_DW02255 Teknos AQUA FILLER 2800 Semi Gloss
<b>Application Methods:</b>	 	Air Spray Airless Spray	
<b>Wet Film Per Coat (microns)</b>		<b>Min</b>	<b>Max</b> <b>Recommended</b>
			100
<b>Coating Application Details:</b>	This product is supplied ready for use. Stir well before use.		
<b>Coat Type:</b>	2nd Coat	<b>Datasheet:</b>	AU_DW02305 Teknos TEKNOCOAT AQUA 1330 - 31 Matt
<b>Application Methods:</b>	   	Air Spray Airless Spray Brush Roller	
<b>Wet Film Per Coat (microns)</b>		<b>Min</b>	<b>Max</b> <b>Recommended</b>
		100	150 125
<b>Coating Application Details:</b>	This product is supplied ready for use. Stir well before use.		
<b>Coating System Notes:</b>	* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.		

Comments
<ul style="list-style-type: none"> <li>Drying parameters can be found on the technical data sheets</li> </ul>

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