



# NEO NC LACQUER

PRODUCT CODE: NC00

TECHNICAL DATA SHEET NO. 05-Lacquers & Varnishes

NOVEMBER 2018

<b>Product Description</b>	<p><b>NEO NC Lacquer</b> is a fast drying, nitrocellulose (NC) based wood lacquer for spray application. Gives a pleasant semi-matt sheen.</p> <p><b>NEO NC Lacquer</b> was developed for the furniture industry. The advantages, compared to normal wood lacquers, are that the use of a sanding sealer is not required. <b>NEO NC Lacquer</b> can be sanded easily soon after application.</p> <p>The final coating is water resistant. No watermarks will show.</p> <p>A two-coat application is sufficient even on soft woods such as S.A. pine.</p>	
<b>Application Areas</b>	<ul style="list-style-type: none"> <li>• Interior use only.</li> <li>• The product is NOT suitable for use on the exterior that is exposed to sunlight.</li> </ul>	
<b>Product Features</b>	<ul style="list-style-type: none"> <li>• Quick drying.</li> <li>• Can be sanded easily soon after application.</li> <li>• Excellent adhesion to properly prepared wooden substrates.</li> <li>• Good water mark resistance.</li> <li>• Two coats of <b>NEO NC Lacquer</b> are used for best results.</li> <li>• The product was developed jointly with furniture makers to their requirements, which were fast drying, one product only, two-coat application, water resistance and a semi gloss finish. <b>NEO NC Lacquer</b> has all the required properties and is popular with furniture and cabinetmakers.</li> <li>• <b>NEO NC Lacquer</b> dries to a pleasant semi matt sheen.</li> </ul>	
<b>Product Data</b>	<b>Resin Base</b>	Nitrocellulose with polymer resins
	<b>Drying Time</b>	Touch dry: 15-20 minutes Hard dry: 1 – 2 hours
	<b>Solid Matter by Content</b>	By volume: 13,2% By mass: 18,5%
	<b>Film Thickness</b>	20 microns
	<b>Spreading Rate</b>	6-10 square metres per litre. Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 6-7 square metres per litre for the first coat and 8-10 square metres per litre for subsequent coats and when applied to sealed substrates.
	<b>Surface Appearance</b>	Semi matt
<b>Application Details</b>		
• <b>Mixing</b>	Always stir well before use with a flat paddle.	
• <b>Application Method</b>	Spray application. Paintbrush application is possible.	
• <b>Thinning</b>	<b>NEO Lacquer Thinner 300 (It00)</b> or <b>NEO Special Thinner (st00)</b> .	
• <b>Cleaning</b>	<b>NEO Lacquer Thinner 300 (It00)</b> .	
• <b>Application</b>	<ul style="list-style-type: none"> <li>• Stir well before use.</li> <li>• Sand the wooden substrate well.</li> <li>• Remove all dust.</li> <li>• Two coats of <b>NEO NC Lacquer</b> are used for best results.</li> <li>• For spray application, thin the <b>NEO NC Lacquer</b> to 17 sec Ford 4 (DIN) cup with <b>NEO Lacquer Thinner 300 (It00)</b> or <b>NEO Special Thinner (st00)</b>.</li> <li>• Apply one coat and allow to dry 1 to 2 hours before sanding again.</li> <li>• Remove all dust.</li> <li>• Spray apply a second generous coat.</li> <li>• Only apply in ventilated areas, keep away from all ignition sources, flames and sparks.</li> <li>• Do not eat, drink or smoke while applying.</li> <li>• Do not apply before 09:00 and after 16:00 in the winter.</li> <li>• For interior use only.</li> <li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 6-7 square metres per litre for the first coat and 8-10 square metres per litre for subsequent coats and when applied to sealed</li> </ul>	



# NEO NC LACQUER

PRODUCT CODE: NC00

TECHNICAL DATA SHEET NO. 05-Lacquers & Varnishes

NOVEMBER 2018

	substrates. <ul style="list-style-type: none"><li>• Clean up application equipment with <b>NEO Lacquer Thinner 300</b> (It00).</li></ul>
<b>Surface Preparation</b>	
<ul style="list-style-type: none"><li>• <b>New Wood</b></li></ul>	<ul style="list-style-type: none"><li>• Sand the wooden substrate well to a smooth surface.</li><li>• Remove all traces of dust.</li><li>• For spray application, thin the <b>NEO NC Lacquer</b> to 17 sec Ford 4 (DIN) cup with <b>NEO Lacquer Thinner 300</b> (It00) or <b>NEO Special Thinner</b> (st00).</li><li>• Apply one coat and allow to dry 1 to 2 hours before sanding again.</li><li>• Remove all dust.</li><li>• Spray apply a second generous coat.</li></ul>
<ul style="list-style-type: none"><li>• <b>Existing Varnished Surfaces</b></li></ul>	<ul style="list-style-type: none"><li>• Do not apply on existing varnished objects.</li><li>• Sand existing coating until completely matt.</li><li>• Remove all traces of dust.</li><li>• Apply one or two coats of <b>NEO NC Lacquer</b> as required.</li></ul>
<b>Colour Range and Quantities</b>	<ul style="list-style-type: none"><li>• <b>NEO NC Lacquer</b> is available in clear only.</li><li>• Available in 1 litre, 5 litres and 20 litres.</li></ul>
<b>Precautions</b>	<ul style="list-style-type: none"><li>• <b>NEO NC Lacquer</b> is highly flammable.</li><li>• Use only in well ventilated areas.</li><li>• Avoid inhaling of solvent vapours.</li><li>• Do not eat, drink or smoke during application.</li></ul>
<b>Disclaimer</b>	NEO Paints can not be held liable if the product fails due to improper surface preparation or application.
<b>NEO PAINTS FACTORY (PTY) LTD</b> Reg No 2002/214	
12 Bell Street, Southern Industrial Area PO Box 5005 Windhoek, NAMIBIA Tel. +(264) 61-384 700 – Fax +(264) 61-233 914	Hanna Mupatani Road PO Box 762 Walvis Bay, NAMIBIA Tel. +(264) 64-204 026 – Fax +(264) 64-204 010