



# NEO WOODCOATING

## EXTERIOR GLOSS VARNISH

PRODUCT CODE: WC00

TECHNICAL DATA SHEET NO. 05-Lacquers & Varnishes-07-A

MARCH 2008

<b>Product Description</b>	<p>NEO Exterior Wood Coating is a highly flexible and UV light resistant modified alkyd based exterior varnish containing special UV absorbers/pigments developed for wooden substrates. The coating dries to a glossy surface.</p> <p>NEO Exterior Wood Coating can be applied on any type of exterior woodwork and will last for years in the harsh Namibian climate.</p> <p>NEO Exterior Wood Coating contains iron oxide pigments and has a light yellow brown shade.</p> <p>This product is not suitable for use on floors, being too soft and not sufficiently wear resistant.</p>	
<b>Application Areas</b>	<ul style="list-style-type: none"><li>• Properly prepared wooden or timber substrates.</li></ul>	
<b>Product Features</b>	<ul style="list-style-type: none"><li>• High UV and water resistance for the harsh Namibian exterior and coastal climates.</li><li>• Flexible - moves with the wood but does not gather dust.</li><li>• Excellent adhesion to properly prepared wooden substrates.</li><li>• Excellent, no mess application properties with excellent flow and leveling.</li><li>• NEO Exterior Wood Coating dries rather slowly and recoating is possible only after at least 24 hours.</li><li>• The application of three coats is recommended for use on new untreated wood.</li></ul>	
<b>Product Data</b>	<b>Resin Base</b>	Alkyd Resin
	<b>Drying Time</b>	Touch dry: 6-8 hours Hard dry: 24+ hours
	<b>Solid Matter by Content</b>	By volume: 41,5% By mass: 49,6%
	<b>Film Thickness</b>	20-25 microns
	<b>Spreading Rate</b>	± 10 square metres per litre Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 6-8 square metres per litre for the first coat and 10-12 square metres per litre for subsequent coats and for when applied to sealed substrates.
	<b>Surface Appearance</b>	Glossy
<b>Application Details</b>		
• <b>Mixing</b>	Stir well before use.	
• <b>Application Method</b>	Brush application. Paint roller application is not recommended.	
• <b>Thinning</b>	For thinning use NEO Mineral Turpentine.	
• <b>Cleaning</b>	Clean up application equipment with NEO Mineral Turpentine.	
• <b>Application</b>	<ul style="list-style-type: none"><li>• Sand the wooden substrate well and remove all dust.</li><li>• Stir NEO Exterior Wood Coating well before use.</li><li>• Brush apply the first coat diluted 10% with NEO Mineral Turpentine.</li><li>• Allow to dry 18-24 hours before sanding again.</li><li>• Remove all dust.</li><li>• Brush apply 2 more generous coats leaving 24 hours between coats.</li><li>• Clean up application equipment with NEO Mineral Turpentine.</li><li>• Only apply in well ventilated areas, keep away from all ignition sources, flames and sparks. Do not eat, drink or smoke while applying.</li><li>• Do not apply before 09:00 and after 16:00 in the winter.</li></ul>	
<b>Surface Preparation</b>		
• <b>New Wood</b>	<ul style="list-style-type: none"><li>• Sand the wooden substrate well and remove all dust.</li><li>• Apply one coat of NEO Exterior Wood Coating diluted with approximately 10% NEO Mineral Turpentine.</li><li>• Allow to dry 18-24 hours before sanding again.</li><li>• Remove all dust.</li><li>• Brush apply 2 more generous coats leaving 24 hours between coats.</li></ul>	
• <b>Existing Varnished</b>	<ul style="list-style-type: none"><li>• Sand the wooden substrate well and remove all dust.</li></ul>	



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<b>Surfaces</b>	<ul style="list-style-type: none"><li>• If the existing varnished substrate is in a good condition, sand well and apply two coats of NEO Exterior Wood Coating.</li><li>• Should the existing varnish coating be brittle, flaking, peeling, cracking, etc., it must be completely removed:<ul style="list-style-type: none"><li>◦ Apply a thick layer of NEO Blitz Paint Remover on the varnished surface.</li><li>◦ After 15-20 minutes, lift off the paint remover together with the old varnish using a scraper.</li><li>◦ Rinse well with warm soapy water to remove all traces of the paint remover.</li></ul></li><li>• When dry, sand well and apply three coats of NEO Exterior Wood Coating as described above.</li></ul>
<b>Colour Range and Quantities</b>	<ul style="list-style-type: none"><li>• NEO Exterior Wood Coating is available in clear (slightly yellow) only.</li><li>• Available in 500ml, 1 litre and 5 litres.</li></ul>
<b>Precautions</b>	<ul style="list-style-type: none"><li>• This material is highly flammable.</li><li>• Use only in well ventilated areas and do not eat, drink or smoke during application.</li><li>• The product contains no toxic substances.</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