



# NEO SIEGELLACK

## FLOOR VARNISH

PRODUCT CODE: SL00

TECHNICAL DATA SHEET NO. 05-Lacquers & Varnishes

NOVEMBER 2018

<b>Product Description</b>	Classic polyurethane based long-life, interior, high gloss wooden floor coating for those high traffic wooden and parquet floors that need a highly abrasion resistant and durable coating. <b>NEO Siegellack</b> is a hard but flexible finish for wooden floors. It is a single pack, easy to use coating. No hardener or catalyst must be added. <b>NEO Siegellack</b> is suitable for interior use on wooden floors like parquet or board floors. The varnish dries to a glossy finish and seals the protected floor completely. <b>NEO Siegellack</b> is recommended for use in residential buildings.	
<b>Application Areas</b>	<ul style="list-style-type: none"> <li>• Interior use only.</li> <li>• Suitable for use on wooden floors like parquet or board floors that have been properly prepared.</li> </ul>	
<b>Product Features</b>	<ul style="list-style-type: none"> <li>• <b>NEO Siegellack</b> is based on an air-drying grade of polyurethane resin, which dries to a hard and firm coating.</li> <li>• Highly abrasion resistant for wooden or parquet floors.</li> <li>• <b>NEO Siegellack</b> is formulated for normal household use. The coating is resistant to water, alcohol and normal household detergents, thus highly washable and cleanable.</li> <li>• Excellent adhesion to properly prepared wooden substrates.</li> <li>• High gloss and film build.</li> <li>• Apply three coats of <b>NEO Siegellack</b> on new or completely refurbished floors.</li> <li>• For use in highly frequented buildings like hotels, public buildings etc. we recommend the use of our <b>NEO Epoxy Floor Paint</b> (nef00).</li> </ul>	
<b>Product Data</b>	<b>Resin Base</b>	Polyurethane resin
	<b>Drying Time</b>	Touch dry: 1-2 hours Hard dry: 16-18 hours
	<b>Solid Matter by Content</b>	By volume: 40% By mass: 48%
	<b>Film Thickness</b>	20-25 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, previously varnished substrates.
	<b>Surface Appearance</b>	Shiny gloss finish
<b>Application Details</b>		
• <b>Mixing</b>	Always stir well before use with a flat paddle.	
• <b>Application Method</b>	Brush. Paint roller application is not recommended.	
• <b>Thinning</b>	<b>NEO Siegellack</b> is ready for use un-thinned. Thinning is only required for the first coat on sanded wood. For thinning use <b>NEO Mineral Turpentine</b> (mt00).	
• <b>Cleaning</b>	<b>NEO Mineral Turpentine</b> (mt00).	
• <b>Application</b>	<ul style="list-style-type: none"> <li>• Stir well before use.</li> <li>• Sand the wooden or parquet substrate well.</li> <li>• Remove all dust.</li> <li>• Three coats of <b>NEO Siegellack</b> are applied for best results.</li> <li>• Apply one coat of <b>NEO Siegellack</b> diluted with approximately 10% <b>NEO Mineral Turpentine</b> (mt00).</li> <li>• Allow to dry for 18 to 24 hours before sanding again, remove all dust.</li> <li>• Brush apply (un-thinned) two more generous coats, leaving 18 to 24 hours between coats.</li> <li>• Only apply in well 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> </ul>	



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	<ul style="list-style-type: none"> <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, previously varnished substrates.</li> <li>Clean up application equipment with <b>NEO Mineral Turpentine (mt00)</b>.</li> </ul>
<b>Surface Preparation</b>	
<ul style="list-style-type: none"> <li><b>New Wooden Floors or Completely Refurbished Ones</b></li> </ul>	<ul style="list-style-type: none"> <li>Sand the wooden or parquet substrate well.</li> <li>Remove all dust.</li> <li>Apply one coat of <b>NEO Siegellack</b> diluted with approximately 10% <b>NEO Mineral Turpentine (mt00)</b>.</li> <li>Allow to dry for 18 to 24 hours before sanding again, remove all dust.</li> <li>Brush apply (un-thinned) two more generous coats, leaving 18 to 24 hours between coats.</li> </ul>
<ul style="list-style-type: none"> <li><b>Existing Varnished Floors</b></li> </ul>	<ul style="list-style-type: none"> <li>Sand the wooden or parquet substrate well. The whole area must be properly sanded, preferably back to bare wood.</li> <li>Remove all dust.</li> <li>Apply one coat of <b>NEO Siegellack</b> diluted with approximately 10% <b>NEO Mineral Turpentine (mt00)</b>.</li> <li>Allow to dry for 18 to 24 hours before sanding again, remove all dust.</li> <li>Brush apply (un-thinned) two more generous coats, leaving 18 to 24 hours between coats.</li> <li>Should the floor be considerably worn and the wood partly exposed on the surface, a complete refurbish of the floor is required. Only a professional with proper equipment can do this.</li> </ul>
<b>Colour Range and Quantities</b>	<ul style="list-style-type: none"> <li><b>NEO Siegellack</b> is available in clear only.</li> <li>Available in 1 litre and 5 litres.</li> </ul>
<b>Precautions</b>	<ul style="list-style-type: none"> <li><b>NEO Siegellack</b> is highly flammable and has a flashpoint of 37 degrees Celsius.</li> <li>Use only in well ventilated areas.</li> <li>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	
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