



# NEO AURORA (SABS 1586-3)

## ACRYLIC EMULSION

PRODUCT CODE: AE00

TECHNICAL DATA SHEET NO. 01-Wall Paints

NOVEMBER 2018

<b>Product Description</b>	A new generation, water based, 100% acrylic, quality interior / exterior, matt coating. Meets the rigorous requirements of SANS 1586-3, Grade 3.	
<b>Application Areas</b>	<ul style="list-style-type: none"> <li>• Interior and exterior use.</li> <li>• Plaster, hardboard and fibre cement walls.</li> <li>• Ceilings, like soft board, gypsum and other fibre boards, as well as on cast concrete or plastered ceilings.</li> <li>• Can be applied on new plaster, which still has high humidity content and is still very alkaline.</li> <li>• Due to the acrylic resin base and permeability for water vapour, <b>NEO Aurora</b> is a fool proof interior and exterior coating for newly erected buildings, especially for housing schemes or town houses.</li> <li>• Highly suitable in coastal areas.</li> </ul>	
<b>Product Features</b>	<ul style="list-style-type: none"> <li>• Economically priced emulsion paint based on an acrylic resin emulsion.</li> <li>• Cleanable, comfortably meets the requirements of the very harsh SABS and ASTM scrub resistant test methods.</li> <li>• Excellent adhesion to properly prepared substrates.</li> <li>• Good opacity / hiding power.</li> <li>• Low odour.</li> <li>• Two coats of <b>NEO Aurora</b> are applied for best results.</li> <li>• Combines good durability with a high degree of hiding power. Due to its high pigment content it fills up small cracks, holes and plaster blemishes.</li> <li>• <b>NEO Aurora</b> dries to a completely even matt finish.</li> </ul>	
<b>Product Data</b>	<b>Resin Base</b>	Acrylic resin emulsion
	<b>Drying Time</b>	Touch dry: 30 minutes Hard dry: 3-4 hours
	<b>Solid Matter by Content</b>	By volume: 28% By mass: 49.2%
	<b>Film Thickness</b>	Approximately 40-60 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 6-8 square metres per litre for the first coat and 8-10 square metres per litre for subsequent coats and when applied to sealed, previously painted substrates.
	<b>Surface Appearance</b>	Matt
<b>Application Details</b>		
• <b>Mixing</b>	Always stir well before use with a flat paddle.	
• <b>Application Method</b>	Brush, roller or airless spray.	
• <b>Thinning</b>	<b>NEO Aurora</b> is ready for use un-thinned; thinning with water will reduce its hiding power.	
• <b>Cleaning</b>	Water.	
• <b>Application</b>	<ul style="list-style-type: none"> <li>• Stir well before use.</li> <li>• Two coats of <b>NEO Aurora</b> are applied for best results.</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Aurora</b>.</li> <li>• Allow to dry 3-4 hours before re-coating.</li> <li>• Apply a second generous coat of <b>NEO Aurora</b>.</li> <li>• Do not apply before 09:00 and after 16:00 in the winter.</li> <li>• Do not apply exterior if it looks like rain will occur within 4-6 hours of application.</li> <li>• <b>NEO Aurora</b> is ready for use un-thinned; thinning with water will reduce its hiding power.</li> <li>• 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 8-10 square metres per litre for subsequent coats and when applied to sealed, previously painted substrates.</li> <li>• Clean up application equipment with clean tap water.</li> </ul>	
<b>Surface Preparation</b>		
• <b>Uncoated Concrete Surfaces</b>	<ul style="list-style-type: none"> <li>• Make sure surface is dry and firm.</li> <li>• Remove all dust, foreign material, fungal and algae growth.</li> </ul>	



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<ul style="list-style-type: none"> <li>• <b>Raw / New Plaster</b></li> <li>• <b>Precast</b></li> </ul>	<ul style="list-style-type: none"> <li>• Prime with <b>NEO Contractor Premium Primer</b> (apc00).</li> <li>• Fill and seal all visible cracks with <b>NEO Aurora Filler</b> (ef00) or <b>NEO Repair Paste</b> (nrp07).</li> <li>• Apply one coat of <b>NEO Bonding Liquid</b> (ig00) to cover <b>NEO Aurora Filler</b> (ef00) or <b>NEO Repair Paste</b> (nrp07).</li> <li>• Sand well and remove dust.</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Aurora</b>.</li> <li>• Allow to dry 3-4 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Aurora</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Uncoated, Weathered or New Fibre Cement Surfaces</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove dust, foreign material, fungal and algae growth.</li> <li>• If friable or powdery, seal with <b>NEO Bonding Liquid</b> (ig00).</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Aurora</b>.</li> <li>• Allow to dry 3-4 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Aurora</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Soft Board or Gypsum Board Ceilings</b></li> <li>• <b>Cornices</b></li> </ul>	<ul style="list-style-type: none"> <li>• Make sure substrate is clean and free from dust.</li> <li>• Prime nail heads with a coat of <b>NEO Universal Undercoat</b> (wu00) (this will prevent corrosion of nail heads).</li> <li>• Repair dents at nail heads with <b>NEO Aurora Filler</b> (ef00).</li> <li>• Fill up any holes and unevenness with <b>NEO Repair Paste</b> (nrp07).</li> <li>• Apply one coat of <b>NEO Bonding Liquid</b> (ig00) to cover <b>NEO Aurora Filler</b> (ef00) and <b>NEO Repair Paste</b> (nrp07).</li> <li>• Sand well and remove dust.</li> <li>• Prime with <b>NEO Acrylic Wall Primer</b> (ap00).</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Aurora</b>.</li> <li>• Allow to dry 3-4 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Aurora</b>.</li> </ul> <p>* <i>The application of a primer is not required on ceiling boards.</i></p>
<ul style="list-style-type: none"> <li>• <b>Previously Painted Surfaces</b></li> </ul>	<ul style="list-style-type: none"> <li>• Surface must be in a sound condition.</li> <li>• Existing gloss finishes should be well sanded.</li> <li>• Remove all loose, flaking and bubbling paint.</li> <li>• Remove all dust, foreign material, fungal and algae growth.</li> <li>• Allow to dry.</li> <li>• Fill and seal all visible cracks with <b>NEO Aurora Filler</b> (ef00) or <b>NEO Repair Paste</b> (nrp07).</li> <li>• Apply one coat of <b>NEO Bonding Liquid</b> (ig00) to cover <b>NEO Aurora Filler</b> (ef00) or <b>NEO Repair Paste</b> (nrp07).</li> <li>• Prime the bare and visible plaster areas with <b>NEO Contractor Premium Primer</b> (apc00).</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Aurora</b>.</li> <li>• Allow to dry 3-4 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Aurora</b>.</li> </ul>
<p><b>Colour Range and Quantities</b></p>	<ul style="list-style-type: none"> <li>• <b>NEO Aurora</b> is available in a range of popular ready mixed colours and for special pastel colours in minimum batch sizes.</li> <li>• Special mix available in 575 pastel shades but not in deep or bright shades.</li> <li>• Available in 5 litres and 20 litres.</li> </ul>
<p><b>Precautions</b></p>	<ul style="list-style-type: none"> <li>• <b>NEO Aurora</b> is not flammable.</li> <li>• It contains no toxic substances and very low levels of VOC (EU regulations).</li> </ul>
<p><b>Disclaimer</b></p>	<p>NEO Paints can not be held liable if the product fails due to improper surface preparation or application.</p>
<p><b>NEO PAINTS FACTORY (PTY) LTD</b></p>	
<p>Reg No 2002/214</p>	
<p>12 Bell Street, Southern Industrial Area PO Box 5005 Windhoek, NAMIBIA Tel. +(264) 61-384 700 – Fax +(264) 61-233 914</p>	<p>Hanna Mupatani Road PO Box 762 Walvis Bay, NAMIBIA Tel. +(264) 64-204 026 – Fax +(264) 64-204 010</p>