



## NEO MULTI DUR (SABS 1586-2)

### MATT ACRYLIC EMULSION

PRODUCT CODE: NM00

TECHNICAL DATA SHEET NO. 01-Wall Paints

NOVEMBER 2018

<b>Product Description</b>	New generation water based 100% acrylic, high quality interior / exterior, matt coating. Meets the rigorous requirements of SANS 1586-2, Grade 2.	
<b>Application Areas</b>	<ul style="list-style-type: none"><li>• Interior and exterior use.</li><li>• High traffic areas that need a highly washable and durable coating in a wide range of colours.</li><li>• Primed plaster, hardboard, ceilings, fiber cement, galvanized gutters and down pipes, PVC pipes and fiber board panels.</li><li>• Primed metal and wooden substrates.</li></ul>	
<b>Product Features</b>	<ul style="list-style-type: none"><li>• Durable and UV resistant.</li><li>• Washable, 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>• High opacity/hiding power.</li><li>• Low odour.</li><li>• Two coats of <b>NEO Multi Dur</b> are applied for best results.</li><li>• If correctly applied to a properly prepared substrate the product has a life expectancy of 5 to 7 years, possibly longer.</li></ul>	
<b>Product Data</b>	<b>Resin Base</b>	Acrylic resin emulsion
	<b>Drying Time</b>	Touch dry: ± 30 minutes Hard dry: 3 to 4 hours
	<b>Solid Matter by Content</b>	By volume: 39% By mass: 57%
	<b>Film Thickness</b>	35-50 microns
	<b>Spreading Rate</b>	8 to 12 m <sup>2</sup> per litre. Although the spreading rate will vary with porosity and type of substrate, for primed new surfaces work on 8 to 10 m <sup>2</sup> per liter for the first coat and 10 to 12 m <sup>2</sup> per liter for subsequent coats and when applied to sealed, previously painted substrates.
	<b>Surface Appearance</b>	Matt, exclusive velvet touch
<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 Multi Dur</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 Multi Dur</b> are applied for best results.</li><li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Multi Dur</b>.</li><li>• Allow to dry 2-3 hours before recoating.</li><li>• Apply a second generous coat of <b>NEO Multi Dur</b>.</li><li>• <b>NEO Multi Dur</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 primed new surfaces work on 8 to 10 m<sup>2</sup> per liter for the first coat and 10 to 12 m<sup>2</sup> per liter for subsequent coats and when applied to sealed, previously painted substrates.</li><li>• Clean up application equipment with clean tap water.</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 to 6 hours of application.</li></ul>	
<b>Surface Preparation</b>		
• <b>Mild Steel (Renovation)</b>	<ul style="list-style-type: none"><li>• Affected areas need to be cleaned back to bright metal and spot primed with <b>NEO Corroguard</b> (cg00).</li><li>• Sand existing coating.</li></ul>	



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	<ul style="list-style-type: none"> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Multi Dur</b>.</li> <li>• Allow to dry 2 to 3 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Multi Dur</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Mild Steel (New)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Degrease surfaces with <b>NEO Metal Conditioner</b> (mc00) to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free.</li> <li>• After drying, the whole substrate is coated with <b>NEO Corroguard</b> (cg00).</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Multi Dur</b>.</li> <li>• Allow to dry 2 to 3 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Multi Dur</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Uncoated Surfaces:</b></li> <li>• <b>Concrete</b></li> <li>• <b>Raw / New Plaster</b></li> <li>• <b>Bricks</b></li> <li>• <b>Precast</b></li> </ul>	<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> <li>• On areas where moisture ingress can be expected (top of parapet walls, whole surfaces of garden / boundary / retention walls) apply one generous coat of <b>NEO Salt Stop</b> (ss30).</li> <li>• Prime with <b>NEO Contractors 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 Multi Dur</b>.</li> <li>• Allow to dry 2 to 3 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Multi Dur</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 Multi Dur</b>.</li> <li>• Allow to dry 2 to 3 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Multi Dur</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Wall Partitioning, Softboard, Gypsum Board, Fibre Board, Cornices (New &amp; Renovation)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove any loose particles and dust from substrate.</li> <li>• Prime nail heads with a coat of <b>NEO Universal Undercoat</b> (wu00) (this will prevent corrosion of nail heads).</li> <li>• Prime surface with one coat of <b>NEO Contractors 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 Multi Dur</b>.</li> <li>• Allow to dry 4 to 6 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Multi Dur</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Previously Painted Surfaces</b></li> <li>• <b>Concrete</b></li> <li>• <b>Precast</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 Contractors Premium Primer</b> (apc00).</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Multi Dur</b>.</li> <li>• Allow to dry 2 to 3 hours before recoating.</li> <li>• Apply a second generous coat of <b>NEO Multi Dur</b>.</li> </ul>



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<b>Colour Range and Quantities</b>	<ul style="list-style-type: none"><li>• NEO Multi Dur is available in white, cream and on the NEO ColourWorks tinting system.</li><li>• Available in 5 liters and 20 liters.</li></ul>
<b>Precautions</b>	<ul style="list-style-type: none"><li>• NEO Multi Dur is not flammable.</li><li>• Contains no toxic substances and very low levels of VOC (EU regulations).</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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