



# NEO MICA PLAST

## TEXTURED COATING

PRODUCT CODE: MP00

TECHNICAL DATA SHEET NO. 01-Wall Paints

November 2018

<b>Product Description</b>	New generation water based interior / exterior, long-life, flexible coating containing Mica.	
<b>Application Areas</b>	<ul style="list-style-type: none"> <li>• Interior and exterior use.</li> <li>• Long-life exterior protection of buildings.</li> <li>• Ideal long-life coating for exterior walls. The coating is highly suitable for use in coastal regions as well as for inland conditions.</li> <li>• Used as a feature on interior walls.</li> <li>• New or weathered cement tiles.</li> <li>• New or weathered fibre cement sheeting.</li> <li>• New or weathered plaster.</li> <li>• Previously painted substrates.</li> <li>• Primed metal and wooden substrates.</li> </ul>	
<b>Product Features</b>	<ul style="list-style-type: none"> <li>• Highly durable and UV resistant.</li> <li>• Fine sand filled textured effect to hide surface imperfections. The coating remains flexible and will not show smaller cracks for years to come.</li> <li>• Highly weather resistant, tough coating, which reflects harmful UV light and prevents rain and humidity penetration into the substrate.</li> <li>• Contains Mica, a highly reflective and weather resistant material. Mica comes in flakes, which forms a protective shield on top of the coating.</li> <li>• Easy to clean by washing down walls with a hosepipe or with a high-pressure cleaner. The dirt pick up rate is low due to the rather moderate texture and slightly shiny micaeous surface.</li> <li>• Water resistant.</li> <li>• Excellent adhesion.</li> <li>• Textured coating suitable for roller application. The texture is not very prominent but rather moderate and not coarse.</li> <li>• Quick drying - 2 coats can be applied in one day.</li> <li>• Two coats of <b>NEO Mica Plast</b> are required for best results.</li> <li>• Low odour.</li> <li>• If correctly applied to a properly prepared substrate, the product has a life expectancy of 7-10 years, possibly longer.</li> </ul>	
<b>Product Data</b>	<b>Resin Base</b>	Acrylic resin emulsion
	<b>Drying Time</b>	Touch dry : 30-60 minutes Hard dry: 2-3 hours
	<b>Solid Matter by Content</b>	By volume: ± 45% By mass: ± 66%
	<b>Film Thickness</b>	Irregular due to textured finish
	<b>Spreading Rate</b>	3-6 square metres per litre. Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 3-5 square metres per litre for the first coat and 4-6 square metres per litre when applied to sealed, previously painted substrates.
	<b>Surface Appearance</b>	Textured, semi matt
<b>Application Details</b>		
• <b>Mixing</b>	Always stir well before use with a flat paddle.	
• <b>Application Method</b>	Sheep skin, block brush and textured roller.	
• <b>Thinning</b>	Under nor circumstances may the product be diluted.	
• <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 Mica Plast</b> are required for best results.</li> <li>• With a sheep skin roller apply a generous coat of <b>NEO Mica Plast</b> and, if a more textured look is required, use a textured roller or block brush to create texture.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second coat of <b>NEO Mica Plast</b> in the same manner as the first.</li> <li>• <b>NEO Mica Plast</b> may under no circumstances be diluted.</li> <li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 3-5 square metres per litre for the first coat and 4-6 square</li> </ul>	



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	<p>metres per litre when applied to sealed, previously painted substrates.</p> <ul style="list-style-type: none"> <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 4-6 hours of application.</li> </ul>
<b>Surface Preparation</b>	
<ul style="list-style-type: none"> <li>• <b>Mild Steel (Renovation)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Clean affected areas back to bright metal.</li> <li>• Spot prime with <b>NEO Corroguard</b> (cg00).</li> <li>• Sand existing coating.</li> <li>• With a sheep skin roller apply a generous coat of <b>NEO Mica Plast</b> and, if a more textured look is required, use a textured roller or block brush to create texture.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second coat of <b>NEO Mica Plast</b> in the same manner as the first.</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 a sheep skin roller apply a generous coat of <b>NEO Mica Plast</b> and, if a more textured look is required, use a textured roller or block brush to create texture.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second coat of <b>NEO Mica Plast</b> in the same manner as the first.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Dry, Uncoated Concrete Surfaces</b></li> <li>• <b>Raw Plaster</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>• Repair any cracks, holes and blemishes 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>• With a sheep skin roller apply a generous coat of <b>NEO Mica Plast</b> and, if a more textured look is required, use a textured roller or block brush to create texture.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second coat of <b>NEO Mica Plast</b> in the same manner as the first.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Fibre Cement Surfaces (Uncoated, Weathered or New)</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>• If friable or powdery, seal with <b>NEO Bonding Liquid</b> (ig00).</li> <li>• Apply one coat of <b>NEO Contractors Premium Primer</b> (apc00).</li> <li>• Repair any cracks, holes and blemishes 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>• With a sheep skin roller apply a generous coat of <b>NEO Mica Plast</b> and, if a more textured look is required, use a textured roller or block brush to create texture.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second coat of <b>NEO Mica Plast</b> in the same manner as the first.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Previously Painted Surfaces</b></li> <li>• <b>Precast</b></li> </ul>	<ul style="list-style-type: none"> <li>• The existing PVA emulsion paint coating should be of good quality and must have a good bond to the substrate.</li> <li>• Check the adhesion of the substrate.</li> <li>• Remove all loose, flaking and bubbling paint.</li> <li>• Remove all dust, grease, foreign material, fungal and algae growth.</li> <li>• If friable or powdery, seal with <b>NEO Bonding Liquid</b> (ig00).</li> <li>• Repair any cracks, holes and blemishes 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>• With a sheep skin roller apply a generous coat of <b>NEO Mica Plast</b> and, if a more</li> </ul>



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	<p>textured look is required, use a textured roller or block brush to create texture.</p> <ul style="list-style-type: none"><li>• Allow to dry 4-6 hours before recoating.</li><li>• Apply a second coat of <b>NEO Mica Plast</b> in the same manner as the first.</li></ul>
<b>Colour Range and Quantities</b>	<ul style="list-style-type: none"><li>• <b>NEO Mica Plast</b> is available in a range of 189 colors on the tinting system.</li><li>• Available in 5 litres and 20 litres.</li></ul>
<b>Precautions</b>	<ul style="list-style-type: none"><li>• <b>NEO Mica Plast</b> is not flammable.</li><li>• The product contains no toxic or harmful 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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