



NEO INDUSTRIAL ALUMINIUM

PRODUCT CODE: IA00

TECHNICAL DATA SHEET NO. 06-Specialised Products

NOVEMBER 2018

Product Description	Classic modified oil and hydrocarbon resin based, long-life, interior / exterior, high shine aluminium coating for a wide range of substrates/objects that need a highly durable coating in an aluminium finish.	
Application Areas	<ul style="list-style-type: none"> Interior and exterior use. NEO Industrial Aluminium is for use on fences, balustrades, general steel work, pipes and valves, tanks, on wood, canvas and other objects which require a silver shine. 	
Product Features	<ul style="list-style-type: none"> Highly durable and UV resistant for the harsh Namibian climate. Excellent adhesion to a range of properly prepared substrates. Very versatile. NEO Industrial Aluminium is a universal product for the farmer for use on fences, the engineer for his steel structures, pipes and tanks and the paint contractor for use around buildings. Two coats of NEO Industrial Aluminium are used for best results. 	
Product Data	Resin Base	Hydrocarbon resin with special treated vegetable oils
	Drying Time	touch dry: ± 1 hour
	Solid Matter by Content	by volume: 37,5% by mass: 47,7%
	Film Thickness	20-30 microns
	Spreading Rate	8-12 square metres per litre. Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10 square metres per litre for the first coat and 10-12 square metres per litre for subsequent coats and when applied to sealed, previously painted substrates.
	Surface Appearance	Shiny silver
Application Details		
• Mixing	Always stir well before use with a flat paddle.	
• Application Method	Brush, roller or airless spray.	
• Thinning	NEO Industrial Aluminium is ready for use un-thinned; thinning with NEO Enamel Thinner (et01) will reduce its hiding power. Only for spray application, thin 20% with NEO Enamel Thinner (et01) .	
• Cleaning	NEO Mineral Turpentine (mt00) .	
• Application	<ul style="list-style-type: none"> Stir well before use. Substrate must be dry, clean and free of dust. NEO Industrial Aluminium is ready for use un-thinned; thinning will reduce its hiding power. Two coats of NEO Industrial Aluminium are used for best results. With brush, roller or airless spray, apply a generous coat of NEO Industrial Aluminium. Only for spray application, thin 20% with NEO Enamel Thinner (et01). Allow to dry 18-24 hours before recoating. With brush, roller or airless spray, apply a second generous coat. Clean up application equipment with NEO Mineral Turpentine (mt00). Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10 square metres per litre for the first coat and 10-12 square metres per litre for subsequent coats and when applied to sealed, previously painted substrates. Only apply in well ventilated areas and keep away from all ignition sources, flames and sparks. Do not eat, drink or smoke while applying. Do not apply before 09:00 and after 16:00 in the winter. Do not apply exterior if it looks like rain will occur within 4-6 hours of application. 	



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Surface Preparation	
<ul style="list-style-type: none">• Mild Steel (Renovation)	<ul style="list-style-type: none">• Affected areas need to be cleaned back to bright metal and spot primed with NEO Corroguard (cg00).• With brush, roller or airless spray, apply a generous coat of NEO Industrial Aluminium. Only for spray application, thin 20% with NEO Enamel Thinner (et01).• Allow to dry 18-24 hours before recoating.• With brush, roller or airless spray, apply a second generous coat.
<ul style="list-style-type: none">• Mild Steel (New)	<ul style="list-style-type: none">• Abrasively degrease surfaces with NEO Metal Conditioner (mc00) to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free.• After drying the whole substrate is coated with NEO Corroguard (cg00).• With brush, roller or airless spray, apply a generous coat of NEO Industrial Aluminium. Only for spray application, thin 20% with NEO Enamel Thinner (et01).• Allow to dry 18-24 hours before recoating.• With brush, roller or airless spray, apply a second generous coat.
Colour Range and Quantities	<ul style="list-style-type: none">• NEO Industrial Aluminium is available in shiny Aluminium only.• Available in 500ml, 1 litre, 5 litres and 20 litres.
Precautions	<ul style="list-style-type: none">• NEO Industrial Aluminium is highly flammable and has a flashpoint of 37 degrees Celsius.• Only apply in well ventilated areas.• Do not eat, drink or smoke while applying.
Disclaimer	NEO Paints can not be held liable if the product fails due to improper surface preparation or application.
NEO PAINTS FACTORY (PTY) LTD Reg No 2002/214	
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