



NEO GLOSS ACRYLIC EMULSION

PRODUCT CODE: GP00

TECHNICAL DATA SHEET NO. 02-Gloss Paints

NOVEMBER 2018

Product Description	A new generation, water based, 100% acrylic, long-life, interior / exterior, high gloss coating.	
Application Areas	<ul style="list-style-type: none">• Interior and exterior use.• High traffic areas that need a highly washable and durable coating in a wide range of colours.• Primed plaster, hardboard and fibre cement walls.• Primed metal and wooden substrates.• Adheres to difficult substrates such as chipboard, concrete, baked enamel coatings and galvanised metal.• Ideal coating for gutters and down pipes where no primer is required.• In humid coastal areas NEO Gloss Acrylic is ideal for recoating exterior wood finishes. Due to its good water permeability no blistering will take place.	
Product Features	<ul style="list-style-type: none">• Highly durable and UV resistant.• Highly washable, cleanable.• Excellent adhesion to a range of properly prepared substrates.• High hiding power and film build.• Dries to a hardwearing gloss finish for interior and exterior use.• Has outstanding resistance against humidity, alkaline attack, UV light and has excellent gloss retention. This makes NEO Gloss Acrylic a viable alternative to solvent based high gloss (enamel) paint.• More humidity, chemical and UV light resistant than standard high gloss enamel paint.• Two coats of NEO Gloss Acrylic are applied for best results.	
Product Data	Resin Base	Pure acrylic resin emulsion
	Drying Time	Touch dry : 1 hour Hard dry: \pm 4 hours (in coastal regions up to 2 hours touch dry and 6-8 hours hard dry)
	Solid Matter by Content	By volume: 33 – 34% By mass: 42 – 44%
	Film Thickness	30 – 40 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	Gloss finish
	Density	Depending on colour
Application Details		
• Mixing	Always stir well before use with a flat paddle.	
• Application Method	Brush, roller or airless spray (high-pressure air spray is not recommended).	
• Thinning	NEO Gloss Acrylic is ready for use un-thinned; thinning with water will reduce its hiding power.	
• Cleaning	Water.	
• Application	<ul style="list-style-type: none">• Stir well before use.• Two coats of NEO Gloss Acrylic are applied for best results.• With brush or roller, apply a generous coat of NEO Gloss Acrylic (airless NOT high pressure spray can be used for large areas if required).• Allow to dry overnight before recoating.• Apply a second generous coat of NEO Gloss Acrylic.• NEO Gloss Acrylic is ready for use un-thinned; thinning with water will reduce its hiding power.• Clean up application equipment with water. Clean tools immediately after use - once dry, this paint does not dissolve in water.• Do not apply before 09:00 and after 16:00 in the winter.• 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	



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	<ul style="list-style-type: none"> Do not apply exterior if it looks like rain will occur within 4-6 hours of application.
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). Old, weathered galvanised metal requires no pre-treatment inland but at the coast Neo Corroguard (cg00) should be applied. Sand existing coating. With brush or roller, apply a generous coat of NEO Gloss Acrylic (airless NOT high pressure spray can be used for large areas if required). Allow to dry overnight before recoating. Apply a second generous coat of NEO Gloss Acrylic.
<ul style="list-style-type: none"> Mild Steel (New) 	<ul style="list-style-type: none"> 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) (it is absolutely essential to firstly apply one coat of NEO Corroguard (cg00). Acrylic based paints should never come into direct contact with mild steel). With brush or roller, apply a generous coat of NEO Gloss Acrylic (airless NOT high pressure spray can be used for large areas if required). Allow to dry overnight before recoating. Apply a second generous coat of NEO Gloss Acrylic.
<ul style="list-style-type: none"> Uncoated Concrete Surfaces Raw / New Plaster Precast 	<ul style="list-style-type: none"> Make sure surface is dry and firm. Remove all dust, foreign material, fungal and algae growth. Fill and seal all visible cracks with NEO Aurora Filler (ef00) or NEO Repair Paste (nrp07). Apply one coat of NEO Bonding Liquid (ig00) to cover NEO Aurora Filler (ef00) or NEO Repair Paste (nrp07). Sand well and remove dust. Prime with NEO Contractors Premium Primer (apc00). With brush or roller, apply a generous coat of NEO Gloss Acrylic (airless NOT high pressure spray can be used for large areas if required). Allow to dry overnight before recoating. Apply a second generous coat of NEO Gloss Acrylic.
<ul style="list-style-type: none"> Uncoated, Weathered or New Fibre Cement Surfaces 	<ul style="list-style-type: none"> Remove dust, foreign material, fungal and algae growth. If friable or powdery, seal with NEO Contractors Premium Primer (apc00). With brush or roller, apply a generous coat of NEO Gloss Acrylic (airless NOT high pressure spray can be used for large areas if required). Allow to dry overnight before recoating. Apply a second generous coat of NEO Gloss Acrylic.
<ul style="list-style-type: none"> Previously Painted Surfaces Precast 	<ul style="list-style-type: none"> Surface must be in a sound condition. Existing gloss finishes should be well sanded. Remove all loose, flaking and bubbling paint. Remove all dust, foreign material, fungal and algae growth. Allow to dry. Fill and seal all visible cracks with NEO Aurora Filler (ef00) or NEO Repair Paste (nrp07). Apply one coat of NEO Bonding Liquid (ig00) to cover NEO Aurora Filler (ef00) or NEO Repair Paste (nrp07). With brush or roller, apply a generous coat of NEO Gloss Acrylic (airless NOT high pressure spray can be used for large areas if required). Allow to dry overnight before recoating. Apply a second generous coat of NEO Gloss Acrylic.
<ul style="list-style-type: none"> Wooden Surfaces and Chipboard 	<ul style="list-style-type: none"> Use NEO Repair Paste (nrp07) for filling holes, cracks and unevenness on wood. Apply one coat of NEO Bonding Liquid (ig00) to cover NEO Repair Paste (nrp07). For interior use, an oil based prime coat is recommended. Apply one coat of NEO Universal Undercoat (wu00) onto the wood or chipboard.



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	<ul style="list-style-type: none">• For exterior use NEO Pink Primer (pi00) is recommended.• With brush or roller, apply a generous coat of NEO Gloss Acrylic (airless NOT high pressure spray can be used for large areas if required).• Allow to dry overnight before recoating.• Apply a second generous coat of NEO Gloss Acrylic.
Colour Range and Quantities	<ul style="list-style-type: none">• NEO Gloss Acrylic is available in white and black and on the NEO ColourWorks tinting system.• Available in 1 liters and 5 liters.
Precautions	<ul style="list-style-type: none">• NEO Gloss Acrylic is not flammable.• Contains no toxic substances and only a low level of VOC (EU regulations).
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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