



NEO DUR HIGH GLOSS (SABS 630-2)

ENAMEL

PRODUCT CODE: HG00

TECHNICAL DATA SHEET NO. 02-Gloss Paints

NOVEMBER 2018

Product Description	Classical, long oil, alkyd based, long-life, interior / exterior, enamel high gloss coating. Meets the rigorous requirements of SANS 630-2 for high gloss finishes.	
Application Areas	<ul style="list-style-type: none">• Interior and exterior use.• Ideal finish for public buildings on doors, windows and walls of public conveniences in factories and workshops.• Primed plaster and concrete (interior walls only), hardboard and fiber cement walls as well as other man made fibre products.• Primed metal and wooden substrates.	
Product Features	<ul style="list-style-type: none">• Based on an alkyd resin with good UV light stability and excellent gloss retention.• Dries to a hard surface, is scratch resistant and easy to clean.• For high traffic interior and exterior areas that need a highly washable and durable coating in a wide range of colours.• Highly washable / cleanable. Resistant to general-purpose household detergents.• Excellent adhesion to range of properly prepared substrates.• High hiding power and film build.• The coating stays flexible for long periods, which is essential for use on exterior woodwork.• Two coats of NEO Dur High Gloss are applied for best results.	
Product Data	Resin Base	Alkyd resin, long oil type
	Drying Time	Touch dry: ± 4-6 hours Hard dry: 16-18 hours
	Solid Matter by Content	For white and pastel shades: By volume: 48% By mass: 64%
	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	Shiny high gloss
Application Details		
• Mixing	Always stir well before use with a flat paddle.	
• Application Method	Brush, mohair paint roller or airless spray.	
• Thinning	NEO Dur High Gloss is ready for use un-thinned; thinning with NEO Mineral Turpentine (mt00) or NEO Enamel Thinner (et01) will reduce its hiding power. Only for spray application dilute to 20-25 sec No. 4 Ford cup with NEO Enamel Thinner (et01). Do not add more than 5% thinner for brush or roller application.	
• Cleaning	NEO Mineral Turpentine (mt00).	
• Application	<ul style="list-style-type: none">• Stir well before use.• Two coats of NEO Dur High Gloss are applied for best results.• NEO Dur High Gloss is ready for use un-thinned; thinning will reduce its hiding power. Only for spray application dilute to 20-25 sec No. 4 Ford cup with NEO Enamel Thinner (et01).• Do not add more than 5% thinner for brush or roller application.• With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss.• Allow to dry 18-24 hours before recoating.• Apply a second generous coat of NEO Dur High Gloss.• Clean up application equipment with NEO Mineral Turpentine (mt00).• Only apply in ventilated areas, 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.	



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	<ul style="list-style-type: none">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.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), NEO Corrotec (ct00) or Neo Zinc Chromate (zc00).For use in coastal regions apply two coats of NEO Corroguard (cg00).Apply one coat of NEO Universal Undercoat (wu00).With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss.Allow to dry 18-24 hours before recoating.Apply a second generous coat of NEO Dur High Gloss.
<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), Neo Corrotec (ct00) or Neo Zinc Chromate (zc00).Apply one coat of NEO Universal Undercoat (wu00).With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss.Allow to dry 18-24 hours before recoating.Apply a second generous coat of NEO Dur High Gloss.
<ul style="list-style-type: none">Aluminium, Copper, Brass	<ul style="list-style-type: none">The surface must be free from grease and oil.Prime the surface with one coat of NEO Corrotec (ct00). The primer should be applied rather thin – a coating of 15-20 microns is sufficient.With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss.Allow to dry 18-24 hours before recoating.Apply a second generous coat of NEO Dur High Gloss.
<ul style="list-style-type: none">Fibre Cement Surfaces (Uncoated, Weathered or New)	<ul style="list-style-type: none">Remove dust, foreign material, fungal and algae growth.If friable or powdery, seal with NEO Bonding Liquid (ig00).With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss.Allow to dry 18-24 hours before recoating.Apply a second generous coat of NEO Dur High Gloss.
<ul style="list-style-type: none">Raw / New PlasterDry, Uncoated Concrete Surfaces (Interior Walls Only)	<ul style="list-style-type: none">Make sure surface is firm and completely dry.Remove all dust, foreign material, fungal and algae growth.Apply one coat of NEO Contractors Premium Primer (apc00).Repair any cracks, holes and blemishes 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.With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss.Allow to dry 18-24 hours before recoating.Apply a second generous coat of NEO Dur High Gloss.
<ul style="list-style-type: none">Previously Painted Surfaces (Interior Walls Only)	<ul style="list-style-type: none">Make sure old paint coatings are firm and solid.Remove all loose, flaking and bubbling paint.Remove all dust, grease, foreign material, fungal and algae growth.Sand glossy coatings until reasonably matt.Repair any cracks, holes and blemishes 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



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	<p>NEO Repair Paste (nrp07).</p> <ul style="list-style-type: none"> Allow to dry. After drying over night, all primed areas and previously painted areas must be undercoated with NEO Universal Undercoat (wu00) for all surfaces. Apply two coats of NEO Dur High Gloss. <p><u>Existing PVA and Eggshell paint</u></p> <ul style="list-style-type: none"> Apply NEO Dur High Gloss directly onto existing PVA and Eggshell paint surfaces. No preparation is required. <p><u>Existing high gloss paint</u></p> <ul style="list-style-type: none"> Sand existing gloss finish until reasonably matt. Remove all dust with a moist cloth. With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss. Allow to dry 18-24 hours before recoating. Apply a second generous coat of NEO Dur High Gloss.
<ul style="list-style-type: none"> Soft Board, Gypsum Board, Wood fibre Boards, Wall Partitioning, Solid Wood 	<ul style="list-style-type: none"> Make sure substrate is free of dust and clean. Sand if rough. For interior use, apply one coat of NEO Universal Undercoat (wu00). For exterior use and on untreated wood, apply one coat of NEO Pink Primer (pi00). Repair any damages with NEO Repair Paste (nrp07). Apply one coat of NEO Bonding Liquid (ig00) to cover NEO Repair Paste (nrp07). Sand well and remove dust. With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss. Allow to dry 18-24 hours before recoating. Apply a second generous coat of NEO Dur High Gloss.
<ul style="list-style-type: none"> Outside Wood Surfaces 	<ul style="list-style-type: none"> Make sure wood is clean, free of dust and smooth. Sand if rough. Prime wood with one coat of NEO Pink Primer (pi00). Should the wood surface be rough after the application of the primer and undercoat, sand well to a smooth surface. With brush, mohair roller or airless spray, apply a generous coat of NEO Dur High Gloss. Allow to dry 18-24 hours before recoating. Apply a second generous coat of NEO Dur High Gloss.
Colour Range and Quantities	<ul style="list-style-type: none"> NEO Dur High Gloss is available in a range of popular ready mixed colours and on the NEO ColourWorks tinting system. Available in 1 litre, 5 litres and 20 litres.
Precautions	<ul style="list-style-type: none"> NEO Dur High Gloss is highly flammable and has a flashpoint of 37 degrees Celsius. Use only in well ventilated areas and do not eat, drink or smoke during application. This product contains no harmful or toxic solvents or substances.
Disclaimer	NEO Paints can not be held liable if the product fails due to improper surface preparation or application.
<p align="center">NEO PAINTS FACTORY (PTY) LTD Reg No 2002/214</p>	
<p align="center">12 Bell Street, Southern Industrial Area PO Box 5005 Windhoek, NAMIBIA Tel. +(264) 61-384 700 – Fax +(264) 61-233 914</p>	<p align="center">Hanna Mupatani Road PO Box 762 Walvis Bay, NAMIBIA Tel. +(264) 64-204 026 – Fax +(264) 64-204 010</p>