



NEO DUR EGGSHELL (SABS 515-2)

ENAMEL

PRODUCT CODE: SG00

TECHNICAL DATA SHEET NO. 01-Wall Paints

NOVEMBER 2018

Product Description	A new generation polyurethane/alkyd based, long-life, interior, silky eggshell coating that meets the rigorous specifications of SANS 515-2 for eggshell and matt finishes.	
Application Areas	<ul style="list-style-type: none">• Interior use only.• High traffic and exterior areas that need a highly washable and scratch resistant coating in a wide range of colours.• Truly universal product, for walls as well as furniture, doors etc.• The coating can be used on walls, kitchen cupboards, wardrobes, doors, window frames and other objects.• Primed plaster, hardboard and fibre cement walls.• Primed metal and wooden substrates.• Suitable for exterior use in covered up areas - weather resistance is not equal to the resistance of a high gloss finish.	
Product Features	<ul style="list-style-type: none">• Highly washable, cleanable, humidity and scratch resistant.• Can be cleaned with the usual household detergents without damage to the surface.• Excellent adhesion to a range of properly prepared substrates.• High hiding power and film build.• Based on an alkyd polyurethane resin combination, which contains special matting agents to give a silky and smooth surface.• Combines the general characteristics of PVA paints, namely slight gloss with the durability and surface hardness of high gloss enamel paint.• The product dries to a very hard and scratch resistant finish, whilst still remaining flexible.• Two coats of NEO Dur Eggshell are applied for best results.	
Product Data	Resin Base	Alkyd / polyurethane resin
	Drying Time	Touch dry: 3-4 hours Hard dry: 16-18 hours
	Solid Matter by Content	By volume: 42% By mass: 65,6%
	Film Thickness	± 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	Semi matt silky finish
Application Details		
• Mixing	Always stir well before use with a flat paddle.	
• Application Method	Brush, short hair roller or airless spray.	
• Thinning	NEO Dur Eggshell is ready for use un-thinned; thinning will reduce its hiding power. Only for spray application thin 20% with NEO Mineral Turpentine (mt00).	
• Cleaning	NEO Mineral Turpentine (mt00).	
• Application	<ul style="list-style-type: none">• Stir well before use.• Two coats of NEO Dur Eggshell are applied for best results.• With brush, roller or airless spray, apply a generous coat of NEO Dur Eggshell.• Allow to dry 18-24 hours before recoating.• With brush, roller or airless spray, apply a second generous coat of NEO Dur Eggshell.• NEO Dur Eggshell is ready for use un-thinned; thinning will reduce its hiding power. For spray application thin 20% with NEO Mineral Turpentine (mt00).• 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.	



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	<ul style="list-style-type: none"> 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. 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. For interior use only.
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). Apply one coat of NEO Universal Undercoat (wu00). With brush, roller or airless spray, apply a generous coat of NEO Dur Eggshell. Allow to dry 18-24 hours before recoating. With brush, roller or airless spray, apply a second generous coat of NEO Dur Eggshell.
<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, roller or airless spray, apply a generous coat of NEO Dur Eggshell. Allow to dry 18-24 hours before recoating. With brush, roller or airless spray, apply a second generous coat of NEO Dur Eggshell.
<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). Apply one coat of NEO Contractor Premium Primer (apc00). With brush, roller or airless spray, apply a generous coat of NEO Dur Eggshell. Allow to dry 18-24 hours before recoating. With brush, roller or airless spray, apply a second generous coat of NEO Dur Eggshell.
<ul style="list-style-type: none"> Raw / New Plaster Dry, Uncoated Concrete Surfaces 	<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 Contractor 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, roller or airless spray, apply a generous coat of NEO Dur Eggshell. Allow to dry 18-24 hours before recoating. With brush, roller or airless spray, apply a second generous coat of NEO Dur Eggshell.
<ul style="list-style-type: none"> Previously Painted Surfaces 	<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 NEO Repair Paste (nrp07). Allow to dry. After drying over night, all primed areas and previously painted areas must be coated with NEO Universal Undercoat (wu00). With brush, roller or airless spray, apply a generous coat of NEO Dur Eggshell.



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	<ul style="list-style-type: none">• Allow to dry 18-24 hours before recoating.• With brush, roller or airless spray, apply a second generous coat of NEO Dur Eggshell.
<ul style="list-style-type: none">• Wood, Chipboard and other Fibre Boards	<ul style="list-style-type: none">• Prime wood boards with one coat of NEO Universal Undercoat (wu00).• Sand if required until smooth and remove dust with a moist cloth.• With brush, roller or airless spray, apply a generous coat of NEO Dur Eggshell.• Allow to dry 18-24 hours before recoating.• With brush, roller or airless spray, apply a second generous coat of NEO Dur Eggshell.
Colour Range and Quantities	<ul style="list-style-type: none">• NEO Dur Eggshell 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 Eggshell 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.
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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