



NEO TRUCK ENAMEL

PRODUCT CODE: TE00

TECHNICAL DATA SHEET NO. 06-Specialised Products

NOVEMBER 2018

Product Description	A classic, short oil, alkyd based, long-life, exterior, gloss coating for agricultural and commercial equipment/vehicles (tractors, earth moving equipment, trucks and motorcars) that need a long lasting, hard and highly washable/scratch resistant coating in a range of colours. For even more superior performance, a special hardener can be added prior to application for improved gloss retention and surface hardness.	
Application Areas	<ul style="list-style-type: none">• Primed metal.• Previously painted substrates.	
Product Features	<ul style="list-style-type: none">• High durability for the harsh Namibian climate.• Highly washable, cleanable, humidity and scratch resistant.• The product retains toughness and will not chip easily. This is important for vehicles being used on construction sites loading gravel and similar products.• Excellent adhesion to a range of properly prepared substrates.• High hiding power and film build.• NEO Truck Enamel is available in several popular shades in which earth moving machinery and tractors are supplied. For safari and hunting companies a matt camouflage olive green is produced.• NEO Paints offers a hardener additive for the NEO Truck Enamel. When added, the coating obtains an exceptional hardness similar to a baked enamel finish. The resistance against sunlight and consequent fading will be improved considerably. The addition of the hardener for trucks and motorcars is recommended where a long lasting shiny appearance is required.• Two to three coats of NEO Truck Enamel are used for best results.	
Product Data	Resin Base	Special alkyd resin with reactive groups
	Drying Time	Touch dry: 1-2 hours Hard dry: 4-6 hours
	Solid Matter by Content	For volume: 35% By mass: 51%
	Film Thickness	± 35 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	High gloss
Application Details		
• Mixing	Always stir well before use with a flat paddle.	
• Application Method	Brush, roller or airless spray.	
• Thinning	NEO Truck Enamel is ready for use un-thinned; thinning with NEO Enamel Thinner (et01) or NEO Quick Enamel Thinner (qe00) will reduce its effectiveness. Only for spray application dilute paint with NEO Enamel Thinner (et01) or NEO Quick Enamel Thinner (qe00) to app. 20-25 sec No. 4 Ford cup.	
• Cleaning	NEO Enamel Thinner (et01).	
• Application	<ul style="list-style-type: none">• Stir well before use.• Two to three coats of NEO Truck Enamel are used for best results.• With brush, roller or airless spray, apply a generous coat of NEO Truck Enamel to the area that needs protecting. Thin for spray to 20-25 seconds Ford 4 cup with NEO Enamel Thinner (et01) or NEO Quick Enamel Thinner (qe00).• Allow to dry 6-8 hours before recoating.• With brush, roller or airless spray, apply a second and/or third generous coat as required.• Clean up application equipment with NEO Enamel Thinner (et01).• 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.	



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	<ul style="list-style-type: none">• This material is highly flammable. 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.
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 Corrotec (ct00).• Remove any rust and mill scale from metal surface.• Prime metal with one coat of NEO Corrotec (ct00).• With brush, roller or airless spray, apply a generous coat of NEO Truck Enamel to the area that needs protecting. Thin for spray to 20-25 seconds Ford 4 cup with NEO Enamel Thinner (et01) or NEO Quick Enamel Thinner (qe00).• Allow to dry 6-8 hours before recoating.• With brush, roller or airless spray, apply a second and/or third generous coat as required.
<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 Corrotec (ct00).• With brush, roller or airless spray, apply a generous coat of NEO Truck Enamel to the area that needs protecting. Thin for spray to 20-25 seconds Ford 4 cup with NEO Enamel Thinner (et01) or NEO Quick Enamel Thinner (qe00).• Allow to dry 6-8 hours before recoating.• With brush, roller or airless spray, apply a second and/or third generous coat as required.
<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.• Allow to dry.• Fill all damaged areas with polyester body filler and allow to dry.• Sand down existing surface with fine waterproof sandpaper until completely matt.• With brush, roller or airless spray, apply a generous coat of NEO Truck Enamel to the area that needs protecting. Thin for spray to 20-25 seconds Ford 4 cup with NEO Enamel Thinner (et01) or NEO Quick Enamel Thinner (qe00).• Allow to dry 6-8 hours before recoating.• With brush, roller or airless spray, apply a second and/or third generous coat as required.
Colour Range and Quantities	<ul style="list-style-type: none">• NEO Truck Enamel is available in a range of ready mixed colours including White, Caterpillar Yellow and shades of regular brands of earthmoving and tractor equipment.• Available in 1 litre and 5 litres.
Precautions	<ul style="list-style-type: none">• NEO Truck Enamel is highly flammable. Keep away from all ignition sources, flames and sparks.• Only apply in well ventilated areas.• Avoid inhaling vapours in high concentration during application.• Wear protective clothing when spraying the paint.• 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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