



Universal Coatings (Pty) Ltd | Reg No: 1982/10922/07

EGGSHELL ENAMEL

PRODUCT CODE: EGG00

TECHNICAL DATA SHEET

November 2016.R3

<ul style="list-style-type: none"> • Product Description 	<ul style="list-style-type: none"> • A new generation polyurethane/alkyd based, long-life, interior, silky eggshell coating. 	
<ul style="list-style-type: none"> • Application Areas 	<ul style="list-style-type: none"> • Interior use only. • High traffic and Interior areas that need a highly washable and scratch resistant coating in white and tint bases. • 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 only in covered up areas - weather resistance is not equal to the resistance of a high gloss finish. 	
<ul style="list-style-type: none"> • 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 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 Universal Eggshell Enamel are applied for best results. 	
<ul style="list-style-type: none"> • Product Data 	Resin Base	Alkyd / polyurethane resin
	Drying Time	Touch dry: 3-4 hours Hard dry: 16-18 hours
	Film Thickness	± 40 microns
	Spreading Rate	8-12m ² /litre. Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10m ² /litre for the first coat and 10-12m ² / litre for subsequent coats and when applied to sealed, previously painted substrates.
	Surface Appearance	Semi matt silky finish.



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<ul style="list-style-type: none"> • Application Details 	
<ul style="list-style-type: none"> • Mixing 	<ul style="list-style-type: none"> • Always stir well before use with a flat paddle.
<ul style="list-style-type: none"> • Application Method 	<ul style="list-style-type: none"> • Brush, short hair roller or airless spray.
<ul style="list-style-type: none"> • Thinning 	<ul style="list-style-type: none"> • Universal Eggshell Enamel is ready for use un-thinned; thinning with Universal Mineral Turpentine, will reduce its hiding power. • Only for spray application thin 20% with Universal Paints Mineral Turpentine.
<ul style="list-style-type: none"> • Cleaning 	<ul style="list-style-type: none"> • Use Universal Mineral Turpentine.
<ul style="list-style-type: none"> • Application 	<ul style="list-style-type: none"> • Stir well before use. • Two coats of Universal Eggshell Enamel are applied for best results. • With brush, roller or airless spray, apply a generous coat of Universal Eggshell Enamel. • Allow to dry 18-24 hours before recoating. • With brush, roller or airless spray, apply a second generous coat of Universal Eggshell Enamel. • Universal Eggshell Enamel is ready for use un-thinned; thinning will reduce its hiding power. For spray application thin 20% with Universal Mineral Turpentine. • Clean up application equipment with Universal Mineral Turpentine. • 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 9:00Hr and after 16:00Hr in 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 8-10m² /litre for the first coat and 10-12m² /litre for subsequent coats and when applied to sealed, previously painted substrates. • For interior use only.
<ul style="list-style-type: none"> • 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 Universal Zinc Cleaner. Apply one coat of Universal Undercoat. • With brush, roller or airless spray, apply a generous coat of Universal Eggshell Enamel. • Allow to dry 18-24 hours before recoating. • With brush, roller or airless spray, apply a second generous coat of Universal Eggshell Enamel.
<ul style="list-style-type: none"> • Mild Steel (New) 	<ul style="list-style-type: none"> • Degrease surfaces with Universal Degreaser 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 Universal Galvanised Metal Primer. • Apply one coat of Universal Undercoat. • With brush, roller or airless spray, apply a generous coat of Universal Eggshell Enamel. • Allow to dry 18-24 hours before recoating. • With brush, roller or airless spray, apply a second generous coat of Universal Eggshell.



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<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 Universal Bonding Liquid. • Apply one coat of Universal Pigmented Plaster Primer. • With brush, roller or airless spray, apply a generous coat of Universal Eggshell. • Allow to dry 18-24 hours before recoating. • With brush, roller or airless spray, apply a second generous coat of Universal 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 Universal Plaster Primer. • Repair any cracks, holes and blemishes with Universal Acrylic Crack Filler. Apply one coat of Universal Bonding Liquid to cover Universal Acrylic Crack Filler. • Sand well and remove dust. • With brush, roller or airless spray, apply a generous coat of Universal Eggshell Enamel. • Allow to dry 18-24 hours before recoating. • With brush, roller or airless spray, apply a second generous coat of Universal Eggshell Enamel.
<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 Universal Acrylic Crack Filler. Apply one coat of Universal Bonding Liquid to cover Universal Acrylic Crack Filler. • Allow to dry. • After drying over night, all primed areas and previously painted areas must be coated with Universal Undercoat. • With brush, roller or airless spray, apply a generous coat of Universal Eggshell Enamel. • Allow to dry 18-24 hours before recoating. • With brush, roller or airless spray, apply a second generous coat of Universal Eggshell Enamel.
<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 Universal Undercoat. • Sand if required until smooth and remove dust with a moist cloth. • With brush, roller or airless spray, apply a generous coat of Universal Eggshell Enamel. • Allow to dry 18-24 hours before recoating. • With brush, roller or airless spray, apply a second generous coat of Universal Eggshell Enamel.
<ul style="list-style-type: none"> • Colour Range and Quantities 	<ul style="list-style-type: none"> • Universal Eggshell Enamel is available in a white and tint bases. • Available in 1ℓ, 5ℓ and 20ℓ.
<ul style="list-style-type: none"> • Precautions 	<ul style="list-style-type: none"> • Universal Eggshell Enamel is highly flammable and has a flashpoint of 37° Celsius. • Use only in well ventilated areas and do not eat, drink or smoke during application.



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<ul style="list-style-type: none">• Disclaimer	Universal Paints cannot be held liable if the product fails due to improper surface preparation or application.
Universal Coatings (PTY) LTD Reg No. 1982/10922/07	
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