



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

UNIVERSAL URETHANE FLOORCOAT

PRODUCT CODE:FLO00

TECHNICAL DATA SHEET

November 2016.R3

<ul style="list-style-type: none"> • Product Description 	<ul style="list-style-type: none"> • A classical urethane based high abrasion and alkali resistant interior semi-gloss coating for those medium traffic areas that need a highly washable and durable coating in a range of colours. 						
<ul style="list-style-type: none"> • Application Areas 	<ul style="list-style-type: none"> • Concrete floors. • Primed Metal 						
<ul style="list-style-type: none"> • Product Features 	<ul style="list-style-type: none"> • Highly abrasive / alkali resistant for suitably prepared concrete floors. • Highly washable, cleanable. • Excellent adhesion to range of properly prepared substrates. • Excellent, no mess application properties, with excellent, flow and levelling. • High hiding power and film build. • Touch dry in less than 4 hours. • Resists mild acids and normal engine oil. • NB: This product does not resist brake fluid or hydraulic oil. 						
<ul style="list-style-type: none"> • Product Data 	<table border="1"> <tr> <td>Resin Base</td> <td> <ul style="list-style-type: none"> • Alkyd Resin </td> </tr> <tr> <td>Drying Time</td> <td> <ul style="list-style-type: none"> • Touch Dry: 6 – 8 hours • Hard Dry: 16 – 18 hours </td> </tr> <tr> <td>Film Thickness</td> <td> <ul style="list-style-type: none"> • 35 – 45 Microns </td> </tr> </table>	Resin Base	<ul style="list-style-type: none"> • Alkyd Resin 	Drying Time	<ul style="list-style-type: none"> • Touch Dry: 6 – 8 hours • Hard Dry: 16 – 18 hours 	Film Thickness	<ul style="list-style-type: none"> • 35 – 45 Microns
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Film Thickness	<ul style="list-style-type: none"> • 35 – 45 Microns 						
<ul style="list-style-type: none"> • Application Details 	<ul style="list-style-type: none"> • With a brush or mohair roller, apply a generous coat of Universal Urethane Floorcoat to the area which needs protecting. • Allow to dry 18 – 24 hours before recoating. • Apply a second generous coat. • Clean-up application equipment with Universal Mineral Turpentine or brush cleaner. • Only apply in ventilated areas, keep away from all ignition sources, flames and sparks. • Do not eat, drink or smoke while applying. 						
<ul style="list-style-type: none"> • Mixing 	<ul style="list-style-type: none"> • Always stir well with a flat paddle. 						
<ul style="list-style-type: none"> • Application Method 	<ul style="list-style-type: none"> • Brush, roller or airless spray. 						
<ul style="list-style-type: none"> • Thinning 	<ul style="list-style-type: none"> • For spraying thin 20% with Universal Mineral Turpentine. 						
<ul style="list-style-type: none"> • Cleaning 	<ul style="list-style-type: none"> • Clean-up use Universal Mineral Turpentine. 						
<ul style="list-style-type: none"> • General Application 	<ul style="list-style-type: none"> • Do not apply before 9:00Hr and after 16:00Hr in winter. • Universal Urethane Floorcoat is ready for use in un-thinned. Thinning will reduce its hiding power. • Two coats of Universal Urethane Floorcoat are used for best results. • Although the spreading rate will vary with porosity and type of substrate, for uncoated new, work on 6 -8m² / litre for subsequent coats and for when applied to sealed, previously painted substrates. • Application clean-up is with Universal Mineral Turpentine. 						
<ul style="list-style-type: none"> • Uncoated Concrete Surfaces 	<ul style="list-style-type: none"> • Remove all dust, foreign material and traces of oil. • If floor is very smooth, acid wash with a 30% solution of hydrochloric acid. • Wash off all traces of acid wash and allow to dry for at least 3 days. 						
<ul style="list-style-type: none"> • Rusted Metal 	<ul style="list-style-type: none"> • Affected areas need to be cleaned with Universal Degreaser back to bright metal and spot primed with Universal Galvanised Primer. 						
<ul style="list-style-type: none"> • New Metal 	<ul style="list-style-type: none"> • Surfaces need to be abrasively degreased 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 						

	Primer.
<ul style="list-style-type: none"> • Previously Painted Surfaces • Concrete • Precast • Plaster 	<ul style="list-style-type: none"> • Make sure old paint coatings are firm and solid. • Remove all dust, grease, foreign material, fungal and algae growth, which should be treated with Universal Fungal Wash. • 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 overnight, all primed areas and previously painted areas must be undercoated with Universal Undercoat for all surfaces. • Apply two coats of Universal Urethane Floor coat.
<ul style="list-style-type: none"> • Colour Range and Quantities 	<ul style="list-style-type: none"> • Universal Urethane Floorcoat is available in a range of popular ready mixed colours. • Available in 1ℓ & 5ℓ.
<ul style="list-style-type: none"> • Precautions 	<ul style="list-style-type: none"> • This product is highly flammable and has a flashpoint of 37° Celsius.
<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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