



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"> <li>• <b>Product Description</b></li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Application Areas</b></li> </ul>	<ul style="list-style-type: none"> <li>• Concrete floors.</li> <li>• Primed Metal</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Product Features</b></li> </ul>	<ul style="list-style-type: none"> <li>• Highly abrasive / alkali resistant for suitably prepared concrete floors.</li> <li>• Highly washable, cleanable.</li> <li>• Excellent adhesion to range of properly prepared substrates.</li> <li>• Excellent, no mess application properties, with excellent, flow and levelling.</li> <li>• High hiding power and film build.</li> <li>• Touch dry in less than 4 hours.</li> <li>• Resists mild acids and normal engine oil.</li> <li>• <b>NB:</b> This product <b>does not</b> resist brake fluid or hydraulic oil.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Product Data</b></li> </ul>	<table border="1"> <tr> <td><b>Resin Base</b></td> <td> <ul style="list-style-type: none"> <li>• Alkyd Resin</li> </ul> </td> </tr> <tr> <td><b>Drying Time</b></td> <td> <ul style="list-style-type: none"> <li>• Touch Dry: 6 – 8 hours</li> <li>• Hard Dry: 16 – 18 hours</li> </ul> </td> </tr> <tr> <td><b>Film Thickness</b></td> <td> <ul style="list-style-type: none"> <li>• 35 – 45 Microns</li> </ul> </td> </tr> </table>	<b>Resin Base</b>	<ul style="list-style-type: none"> <li>• Alkyd Resin</li> </ul>	<b>Drying Time</b>	<ul style="list-style-type: none"> <li>• Touch Dry: 6 – 8 hours</li> <li>• Hard Dry: 16 – 18 hours</li> </ul>	<b>Film Thickness</b>	<ul style="list-style-type: none"> <li>• 35 – 45 Microns</li> </ul>
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<ul style="list-style-type: none"> <li>• <b>Application Details</b></li> </ul>	<ul style="list-style-type: none"> <li>• With a brush or mohair roller, apply a generous coat of <b>Universal Urethane Floorcoat</b> to the area which needs protecting.</li> <li>• Allow to dry 18 – 24 hours before recoating.</li> <li>• Apply a second generous coat.</li> <li>• Clean-up application equipment with <b>Universal Mineral Turpentine</b> or brush cleaner.</li> <li>• Only apply in ventilated areas, keep away from all ignition sources, flames and sparks.</li> <li>• Do not eat, drink or smoke while applying.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Mixing</b></li> </ul>	<ul style="list-style-type: none"> <li>• Always stir well with a flat paddle.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Application Method</b></li> </ul>	<ul style="list-style-type: none"> <li>• Brush, roller or airless spray.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Thinning</b></li> </ul>	<ul style="list-style-type: none"> <li>• For spraying thin 20% with <b>Universal Mineral Turpentine</b>.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Cleaning</b></li> </ul>	<ul style="list-style-type: none"> <li>• Clean-up use <b>Universal Mineral Turpentine</b>.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>General Application</b></li> </ul>	<ul style="list-style-type: none"> <li>• Do not apply before 9:00Hr and after 16:00Hr in winter.</li> <li>• <b>Universal Urethane Floorcoat</b> is ready for use in un-thinned. Thinning will reduce its hiding power.</li> <li>• Two coats of <b>Universal Urethane Floorcoat</b> are used for best results.</li> <li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new, work on 6 -8m<sup>2</sup> / litre for subsequent coats and for when applied to sealed, previously painted substrates.</li> <li>• Application clean-up is with <b>Universal Mineral Turpentine</b>.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Uncoated Concrete Surfaces</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove all dust, foreign material and traces of oil.</li> <li>• If floor is very smooth, acid wash with a 30% solution of hydrochloric acid.</li> <li>• Wash off all traces of acid wash and allow to dry for at least 3 days.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Rusted Metal</b></li> </ul>	<ul style="list-style-type: none"> <li>• Affected areas need to be cleaned with <b>Universal Degreaser</b> back to bright metal and spot primed with <b>Universal Galvanised Primer</b>.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>New Metal</b></li> </ul>	<ul style="list-style-type: none"> <li>• Surfaces need to be abrasively degreased to remove the manufacturer's grease protective layer.</li> <li>• This process is repeated until the surface is water break free.</li> <li>• After drying the whole substrate is coated with <b>Universal Galvanised</b></li> </ul>						

	<b>Primer.</b>
<ul style="list-style-type: none"> <li>• <b>Previously Painted Surfaces</b></li> <li>• <b>Concrete</b></li> <li>• <b>Precast</b></li> <li>• <b>Plaster</b></li> </ul>	<ul style="list-style-type: none"> <li>• Make sure old paint coatings are firm and solid.</li> <li>• Remove all dust, grease, foreign material, fungal and algae growth.</li> <li>• Sand glossy coatings until reasonably matt.</li> <li>• Repair any cracks, holes and blemishes with <b>Universal Acrylic Crack Filler</b>.</li> <li>• Apply one coat of <b>Universal Bonding Liquid</b> to cover <b>Universal Acrylic Crack Filler</b>.</li> <li>• Allow to dry.</li> <li>• After drying overnight, all primed areas and previously painted areas must be undercoated with <b>Universal Undercoat</b> for all surfaces.</li> <li>• Apply two coats of <b>Universal Urethane Floor coat</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Colour Range and Quantities</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Universal Urethane Floorcoat</b> is available in a range of popular ready mixed colours.</li> <li>• Available in 1ℓ &amp; 5ℓ.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Precautions</b></li> </ul>	<ul style="list-style-type: none"> <li>• This product is highly flammable and has a flashpoint of 37° Celsius.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Disclaimer</b></li> </ul>	Universal Paints cannot be held liable if the product fails due to improper surface preparation or application.
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