



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

# UNIVERSAL UNDERCOAT

PRODUCT CODE: UNI00

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 solvent based interior, exterior undercoat for all substrates. For use under a range of Universal Paints topcoats.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Application Areas</b></li> </ul>	<ul style="list-style-type: none"> <li>• Over primed metal, existing gloss or acrylic prior to applying top coats.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Product Features</b></li> </ul>	<ul style="list-style-type: none"> <li>• Serves as both a primer and intermediate coating.</li> <li>• Excellent adhesion to a range of substrates.</li> <li>• Excellent, no mess application properties.</li> <li>• High hiding power and film build.</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: 3-4 hours</li> <li>• Hard Dry: 16 – 18 hours</li> </ul> </td> </tr> <tr> <td><b>Film Thickness</b></td> <td>± 40 Microns</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: 3-4 hours</li> <li>• Hard Dry: 16 – 18 hours</li> </ul>	<b>Film Thickness</b>	± 40 Microns
<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: 3-4 hours</li> <li>• Hard Dry: 16 – 18 hours</li> </ul>						
<b>Film Thickness</b>	± 40 Microns						
<ul style="list-style-type: none"> <li>• <b>Application Details</b></li> </ul>	<ul style="list-style-type: none"> <li>• Brush, Mohair roller or airless spray (thin 20% with <b>Universal Mineral Turpentine</b>).</li> <li>• Apply a generous coat of <b>Universal Undercoat</b> to the area, which needs protecting.</li> <li>• Allow to dry 18-24 hours before recoating.</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. Do not eat drink or smoke while applying.</li> <li>• Do not apply before 9:00Hr and after 16:00Hr in winter.</li> <li>• Do not apply exterior if it looks like rain will occur within 4-6 hours of application.</li> <li>• <b>Universal Undercoat</b> is ready for use un-thinned; thinning will reduce its hiding power.</li> <li>• Although the spreading rate will vary with porosity and type of substrate.</li> <li>• For uncoated new work coverage of 6 - 8 m<sup>2</sup> /litre.</li> <li>• Application equipment clean-up is with <b>Universal Mineral Turpentine</b>.</li> </ul>						
<ul style="list-style-type: none"> <li>• <b>Mixing</b></li> </ul>	<ul style="list-style-type: none"> <li>• Always stir well before use 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, mohair 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>• <b>Universal Undercoat</b> is ready for use un-thinned; thinning will reduce its hiding power.</li> </ul>						

Universal Undercoat

Page 1 of 2

*The* **COLOUR** *of Quality.*

	<ul style="list-style-type: none"> <li>• Only for spray application 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>• <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>• Uncoated concrete surfaces: Remove all dust, foreign material, Fungal, algae growth- fill and seal all visible cracks and coat with <b>Universal Undercoat</b>.</li> <li>• Uncoated weathered or new fibre cement surfaces: Remove dust, foreign material, fungal, algae growth and if friable, powdery seal with <b>Universal Pigmented Plaster Primer</b> followed by one coat of <b>Universal Undercoat</b>.</li> <li>• Raw Plaster: Remove all dust, foreign material, Fungal and Algae growth. Fill and seal all visible cracks and coat with <b>Universal Pigmented Plaster Primer</b> followed by one coat of <b>Universal Undercoat</b>.</li> <li>• Previously Painted Surfaces: Remove all loose, flaking and bubbling paint. Remove all dust, grease, foreign material, fungal and algae growth. Allow to dry, if then powdery or friable seal with <b>Universal Pigmented Plaster Primer</b> followed by one coat of <b>Universal Undercoat</b>.</li> </ul>
<b>Colour Range and Quantities</b>	<ul style="list-style-type: none"> <li>• <b>Universal Undercoat</b> is available in white.</li> <li>• <b>Universal Undercoat</b> is available in 1ℓ, 5ℓ and 20ℓ.</li> </ul>
<b>Precautions</b>	<ul style="list-style-type: none"> <li>• This material is highly flammable and has a flashpoint of 37 °Celsius.</li> </ul>
<b>Disclaimer</b>	Universal Paints cannot be held liable if the product fails due to improper surface preparation or application.
<b>Universal Coatings (PTY) LTD</b> <b>Reg No. 1982/10922/07</b>	
<b>19 Staal Street</b> <b>Kya Sands, Randburg</b> <b>South Africa</b>	<b>Tel. +(27) 11- 462 4284</b> <b><a href="http://www.universalphaints.co.za">www.universalphaints.co.za</a></b>