



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

# PURE ACRYLIC ROOF

PRODUCT CODE: RAC00

TECHNICAL DATA SHEET

November 2016.R3

<b>Product Description</b>	<ul style="list-style-type: none"> <li>A new generation, water based, pure acrylic, long-life roof coating for all roof types.</li> </ul>	
<b>Application Areas</b>	<ul style="list-style-type: none"> <li>Cement tiles (new / weathered), fibre cement sheeting (new / weathered).</li> <li>Primed metal and wooden substrates.</li> </ul>	
<b>Product Features</b>	<ul style="list-style-type: none"> <li>Highly durable and UV/fade resistant for the harsh urban / industrial environment.</li> <li>Highly water resistance.</li> <li>Excellent adhesion.</li> <li>Excellent, no mess application properties.</li> <li>Quick drying 2 coats can be applied in one day.</li> <li>Low odour.</li> <li>If correctly applied to a properly prepared substrate the product has a life expectancy in excess of 10 years.</li> </ul>	
<b>Product Data</b>	<b>Resin Base</b>	Acrylic resin emulsion.
	<b>Drying Time</b>	Touch dry: ± 30 minutes Hard dry: 4-6 hours.
	<b>Film Thickness</b>	35-50 microns.
	<b>Spreading Rate</b>	6-8m <sup>2</sup> /litre. Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 6-8m <sup>2</sup> / litre for the first coat, and 8-10m <sup>2</sup> / litre for subsequent coats and when applied to sealed, previously painted substrates.
	<b>Surface Appearance</b>	Low Sheen.
<b>Application Details</b>		
<ul style="list-style-type: none"> <li><b>Mixing</b></li> </ul>	Always stir well before use with a flat paddle.	
<ul style="list-style-type: none"> <li><b>Application Method</b></li> </ul>	Brush, roller or airless spray.	
<ul style="list-style-type: none"> <li><b>Thinning</b></li> </ul>	Is ready for use un-thinned; thinning with water will reduce its hiding power.	
<ul style="list-style-type: none"> <li><b>Cleaning</b></li> </ul>	Water.	
<ul style="list-style-type: none"> <li><b>Application</b></li> </ul>	<ul style="list-style-type: none"> <li>Stir well before use.</li> <li>Two coats of <b>Universal Acrylic Roof Paint</b> are applied for best results.</li> <li>With brush, roller or airless spray, apply a generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>Allow to dry 4-6 hours before recoating.</li> <li>Apply a second generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>Do not apply before 9:00Hr and after 16:00Hr in winter.</li> <li>If outside temperature is above 35° Celsius then do not apply.</li> <li>Do not apply exterior if it looks like rain will occur within 4-6 hours of application.</li> <li><b>Universal Acrylic Roof Paint</b> is ready for use un-thinned; thinning with water will reduce its hiding power.</li> <li>Clean up application equipment with clean tap water.</li> </ul>	



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Surface Preparation	
<ul style="list-style-type: none"> <li>• <b>Roof Tiles</b></li> </ul>	<ul style="list-style-type: none"> <li>• Apply one coat of <b>Universal Acrylic Sealer</b>, then two coats of <b>Universal Acrylic Roof Paint</b>, leaving 4 -6 hours between coats.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Galvanised Sheeting</b></li> </ul>	<ul style="list-style-type: none"> <li>• If galvanised sheeting is new and not weathered, degrease with <b>Universal Zinc Cleaner</b> to remove manufacturer's grease protective layer.</li> <li>• This process is repeated until the surface is water-break free.</li> <li>• After drying, the substrate is then coated with <b>Universal Galvanised Primer</b>, with brush, roller or spray.</li> <li>• Apply two coats of <b>Universal Acrylic Roof Paint</b> leaving 4-6 hours between coats.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Weathered and old Gavanised Sheeting</b></li> </ul>	<ul style="list-style-type: none"> <li>• Roof sheeting should be thoroughly inspected for rust, perforation and weak spots.</li> <li>• If galvanised sheeting has signs of perforation, weak spots i.e. if galvanized sheeting has severe rust it has a tendency to eat into surface, screw heads and hold down hooks. This has to be replaced with new sheets.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Mild Steel (Renovation)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Affected areas need to be cleaned back to bright metal and spot primed with <b>Universal Galvanised Primer</b>.</li> <li>• Sand existing coating.</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal Acrylic Roof Paint</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Mild Steel (New)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Degrease surfaces with <b>Universal Zinc Cleaner</b> to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free.</li> <li>• After drying apply a coat of <b>Universal Galvanised Primer</b>.</li> <li>• After priming, the whole substrate is coated with <b>Universal Acrylic Roof Paint</b>.</li> <li>• <b>Universal Acrylic Roof Paint</b> can be applied direct without primer (inland, not at the coast).</li> <li>• With brush, roller or spray, apply a generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal Acrylic Roof Paint</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Uncoated Concrete Surfaces</b></li> <li>• <b>Raw / New Plaster</b></li> <li>• <b>Precast</b></li> </ul>	<ul style="list-style-type: none"> <li>• Make sure surface is dry and firm.</li> <li>• Remove all dust, foreign material, fungal and algae growth, which should be treated with <b>Universal Fungal Wash</b>.</li> <li>• Prime with <b>Universal Pigmented Plaster Primer</b>.</li> <li>• Fill and seal all visible cracks 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>• Sand well and remove dust.</li> <li>• With brush, roller or spray, apply a generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal Acrylic Roof Paint</b>.</li> </ul>



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<ul style="list-style-type: none"> <li>• <b>Uncoated, Weathered or New Fibre Cement Surfaces</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove dust, foreign material, fungal and algae growth, which should be treated with <b>Universal Fungal Wash</b>.</li> <li>• If friable or powdery, seal with <b>Universal Bonding Liquid</b> or <b>Universal Pigmented Plaster Primer</b>. Leave for 12 hours to cure.</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal Acrylic Roof Paint</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Wall Partitioning, Softboard, Gypsum Board, Fibre Board, Cornices (New &amp; Renovation)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove any loose particles and dust from substrate.</li> <li>• Prime nail heads with a coat of <b>Universal Undercoat</b> (this will prevent corrosion of nail heads).</li> <li>• Prime surface with one coat of <b>Universal Pigmented Plaster Primer</b>. Leave for 12 hours to cure.</li> <li>• Fill and seal all visible cracks 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>• Sand well and remove dust.</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Wooden Surfaces and Chipboard</b></li> </ul>	<ul style="list-style-type: none"> <li>• Prime wooden surface with one coat of <b>Universal Pink Wood Primer</b>.</li> <li>• Allow <b>Universal Pink Wood Primer</b> to cure for at least 12 hours before coating.</li> <li>• With brush, roller or airless spray, apply a generous coat of <b>Universal Acrylic Roof Paint</b>.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal Acrylic Roof Paint</b>.</li> </ul>
<p><b>Colour Range and Quantities</b></p>	<ul style="list-style-type: none"> <li>• <b>Universal Acrylic Roof Paint</b> is available in a range of <b>Universal Roof</b> standard colours.</li> <li>• Available in 1ℓ, 5ℓ &amp; 20ℓ.</li> </ul>
<p><b>Precautions</b></p>	<ul style="list-style-type: none"> <li>• <b>Universal Acrylic Roof Paint</b> is not flammable.</li> <li>• It contains no toxic substances and very low levels of VOC</li> </ul>
<p><b>Disclaimer</b></p>	<p>Universal Paints cannot be held liable if the product fails due to improper surface preparation or application.</p>
<p><b>Universal Coatings (PTY) LTD</b> Reg No. 1982/10922/07</p>	
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