



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

# UNIVERSAL UNIPROOF

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 new generation water based acrylic waterproofing compound, in which the re-enforcing fibre membrane is incorporated into the ready to use liquid coating to provide a long lasting, seamless and flexible waterproof coating for parapet walls and other areas as required.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Application Areas</b></li> </ul>	<ul style="list-style-type: none"> <li>• Tile and fibre cement roofs, including ridging and flashing areas.</li> <li>• Metal roofs, including overlap, screw heads and flashing areas</li> <li>• Parapet walls</li> <li>• To help seal very large vertical and horizontal cracks in walls (up to a maximum of 3mm), which even after filling may have a tendency to re-open with time.</li> <li>• Interior and exterior use.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Product Features</b></li> </ul>	<ul style="list-style-type: none"> <li>• Highly durable and UV resistant for the harsh urban / industrial environment.</li> <li>• Highly water resistant-with a low water up take –this coating won't let the water re-enter the areas it protects.</li> <li>• Excellent adhesion and flexibility-this coating will move with building as it expands and contracts as the temperature fluctuates between night and day, winter and summer.</li> <li>• Low odour.</li> <li>• Easy to use as no membrane is required.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Product Data</b></li> </ul>	<b>Resin Base</b>	<ul style="list-style-type: none"> <li>• Acrylic resin emulsion</li> </ul>
	<b>Drying Time</b>	<ul style="list-style-type: none"> <li>• Touch dry: ± 30 minutes</li> <li>• Over coating 6 hours</li> </ul>
	<b>Film Thickness</b>	<ul style="list-style-type: none"> <li>• Total film thickness (3 coat system) 1-1,5mm.</li> </ul>
	<b>Spreading Rate</b>	<ul style="list-style-type: none"> <li>• The spreading rate per coat is 1-1.5m<sup>2</sup>/litre and 3 coats are required. This gives a total dry film build of 1-1.5mm.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Application Details</b></li> </ul>	<ul style="list-style-type: none"> <li>• With brush apply a generous coat of <b>Universal Uniproof</b> to the area, which needs protecting.</li> <li>• Allow to dry for 4 – 6 hours.</li> <li>• With brush apply a second generous coat of <b>Universal Uniproof</b>.</li> <li>• Allow the system to dry for at least 24 hours preferably longer in cold or very humid weather.</li> <li>• Overcoat the entire area with a final full coat of <b>Universal Uniproof</b>.</li> <li>• Check that all joints and cracks are well sealed.</li> <li>• Must be over coated with a Universal Top coat of choice.</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 only.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Thinning</b></li> </ul>	<ul style="list-style-type: none"> <li>• Thinning is not required</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Cleaning</b></li> </ul>	<ul style="list-style-type: none"> <li>• Clean-up with water.</li> </ul>	



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<ul style="list-style-type: none"> <li>• <b>Surface Preparation</b></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> </ul>
<ul style="list-style-type: none"> <li>• <b>Mild Steel (Galvanised Roof Sheeting)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Galvanised roof sheeting surfaces need to be degreased to remove the manufacturer's protective layer of grease, by using <b>Universal Zinc Cleaner</b>.</li> <li>• This process is repeated until the surface is water-break free.</li> <li>• After degreasing process is complete, apply a coat of <b>Universal Galvanised Primer</b>.</li> <li>• Apply <b>Universal Uniproof</b> to surface a minimum of two coats.</li> <li>• Allow 4-6 hours before recoating with <b>Universal Uniproof</b>.</li> <li>• <b>Universal Uniproof</b> must be over coated with <b>Universal Acrylic Roof Paint</b>.</li> <li>• This applies to mild steel and galvanized sheeting.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Uncoated Concrete Roof, Fibre Cement Roof, Sheeting and Raw Plaster</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove dust, foreign material, fungal and algae growth, which should be cleaned with <b>Universal Fungal Wash</b>.</li> <li>• Fill and seal all visible cracks and coat with <b>Universal Acrylic Crack Filler</b>.</li> <li>• Apply <b>Universal Pigmented Plaster Primer</b> to surface.</li> <li>• Allow to cure for ± 12 hours.</li> <li>• Once cured apply one coat of <b>Universal Uniproof</b>.</li> <li>• Leave 4-6 hours between coats.</li> <li>• Concrete roof – minimum of three coats.</li> <li>• Surface must be coated with appropriate coating.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Previously Painted Surfaces</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove all loose, flaking and bubbling paint.</li> <li>• If surface is damp, make well by removing all deteriorating plaster and skim patch affected area with <b>Universal Acrylic Crack Filler</b>.</li> <li>• Apply <b>Universal Damp Sealer</b> to affected area.</li> <li>• Leave for 12 hours or longer to cure.</li> <li>• Surface is now ready for two coats of <b>Universal Uniproof</b>.</li> <li>• Leave for 4-6 hours between coats.</li> <li>• <b>Universal Uniproof</b> can be over coated with <b>Universal Allcote</b> for walls.</li> <li>• Concrete and fibre cement roof sheeting must be over coated with <b>Universal Acrylic Roof</b> paint.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Weathered Roof / Galvanised Sheeting</b></li> </ul>	<ul style="list-style-type: none"> <li>• Should be sanded down and free of rust.</li> <li>• Sheeting should be checked for perforation and weak spots.</li> <li>• Replace with new sheeting if sheeting is worn and has severe rust.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>General</b></li> </ul>	<ul style="list-style-type: none"> <li>• Do not apply before 9:00Hr and after 16:00Hr in winter.</li> <li>• Do not apply if it looks like rain will occur within 4 – 6 hours of application.</li> <li>• <b>Universal Uniproof</b> is to be applied by brush only.</li> <li>• Two preferable three coats of <b>Universal Uniproof</b> are used.</li> <li>• Use clean tap water for application equipment.</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 Uniproof</b> is available in Black, Grey, Red &amp; White.</li> <li>• Available in 1ℓ, 5 ℓ &amp; 20ℓ.</li> </ul>



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<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.
<b>Universal Coatings (PTY) LTD</b> <b>Reg No. 1982/10922/07</b>	
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