



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

|  |   |                   |  |                    |   |                       |  |                       |  |
|--|---|-------------------|--|--------------------|---|-----------------------|--|-----------------------|--|
| <ul style="list-style-type: none"> <li>• <b>Product Description</b></li> </ul>         | <ul style="list-style-type: none"> <li>• A classical water based acrylic waterproofing compound, which is used in combination with a geo-fabric membrane to provide a long lasting waterproof coating for all roof types, 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 (asbestos) 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.</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> </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>• Acrylic resin emulsion</li> </ul> </td> </tr> <tr> <td><b>Drying Time</b></td> <td> <ul style="list-style-type: none"> <li>• Touch dry: ± 30 minutes</li> <li>• Over coating minimum 4 hours</li> </ul> </td> </tr> <tr> <td><b>Film Thickness</b></td> <td> <ul style="list-style-type: none"> <li>• Total film thickness (4 coat system)<br/>2 - 2,5mm</li> </ul> </td> </tr> <tr> <td><b>Spreading Rate</b></td> <td> <ul style="list-style-type: none"> <li>• Normally when used with geo-fabric membrane the spreading rate per coat is 5 to 6m<sup>2</sup> / litre and 4 coats are required. This gives a total dry film build (including geo-fabric membrane) of 2 - 2.5mm.</li> </ul> </td> </tr> </table>   | <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 minimum 4 hours</li> </ul> | <b>Film Thickness</b> | <ul style="list-style-type: none"> <li>• Total film thickness (4 coat system)<br/>2 - 2,5mm</li> </ul> | <b>Spreading Rate</b> | <ul style="list-style-type: none"> <li>• Normally when used with geo-fabric membrane the spreading rate per coat is 5 to 6m<sup>2</sup> / litre and 4 coats are required. This gives a total dry film build (including geo-fabric membrane) of 2 - 2.5mm.</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>• <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, Fluted Roller or PVA Roller.</li> </ul>   |                   |  |                    |   |                       |  |                       |  |
| <ul style="list-style-type: none"> <li>• <b>Thinning</b></li> </ul>                    | <ul style="list-style-type: none"> <li>• <b>Universal Acrylproof is not to be thinned.</b></li> </ul>   |                   |  |                    |   |                       |  |                       |  |
| <ul style="list-style-type: none"> <li>• <b>Cleaning</b></li> </ul>                    | <ul style="list-style-type: none"> <li>• Water.</li> </ul>  |                   |  |                    |   |                       |  |                       |  |
| <ul style="list-style-type: none"> <li>• <b>Sandwich System Application</b></li> </ul> | <ul style="list-style-type: none"> <li>• Apply a generous coat of <b>Universal Acrylproof</b> to the area.</li> <li>• Immediately embed the geo-fabric into the wet <b>Universal Acrylproof</b>.</li> <li>• Overlap the geo fabric membrane for at least 50mm on every joint and sides.</li> <li>• A fluted aluminium roller should be used to flatten out geo fabric and roll out all air bubbles in material, thus eliminating all weak points.</li> <li>• Immediately apply a saturation coat of the <b>Universal Acrylproof</b> to the geo- fabric by brush or PVA roller.</li> <li>• Overlap the geo-fabric membrane for at least 50mm on every joint.</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 Acrylproof or Universal Uniproof</b>, check that all joints and cracks are well sealed.</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>•</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>• Apply with brush.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a minimum of four coats.</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>. Fill and seal all visible cracks with <b>Universal Acrylic Crack Filler</b>.</li> <li>• Sand well and remove dust.</li> <li>• Apply with brush.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a minimum of four coats.</li> </ul>   |
| <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>.</li> <li>• Leave for 12 hours to cure before applying <b>Universal Acrylproof</b>.</li> <li>• With brush or roller.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a minimum of four coats.</li> </ul>   |
| <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>• Surface must be in a sound condition.</li> <li>• Existing gloss finishes should be well sanded.</li> <li>• Remove all loose, flaking and bubbling paint.</li> <li>• Remove all dust, foreign material, fungal and algae growth, which should be treated with <b>Universal Fungal Wash</b>.</li> <li>• Allow to dry.</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>• Prime the bare and visible plaster areas with <b>Universal Pigmented Plaster Primer</b>.</li> <li>• Apply with brush or roller.</li> <li>• Allow to dry 4-6 hours before recoating.</li> <li>• Apply a minimum of four coats.</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 Acrylproof</b> is available in Black, Grey, Red &amp; White.</li> <li>• Available in 1ℓ, 5 ℓ &amp; 20ℓ.</li> </ul>  |
| <ul style="list-style-type: none"> <li>• <b>Precautions</b></li> </ul>  | <ul style="list-style-type: none"> <li>• <b>Universal Acrylproof</b> is not flammable.</li> <li>• It contains no toxic substances and very low levels of VOC</li> </ul>   |
| <ul style="list-style-type: none"> <li>• <b>Disclaimer</b></li> </ul>   | <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><br/> <b>Reg No. 1982/10922/07</b></p>  |   |
| <p><b>19 Staal Street</b><br/> <b>Kya Sands, Randburg</b><br/> <b>South Africa</b></p>  | <p><b>Tel. +(27) 11- 462 4284</b><br/> <b>www.universalphaints.co.za</b></p>  |