



## AQUALINE 300 Trowel Grade

### PRODUCT INFORMATION

<b>Description</b>	A two component 100% solids ambient temperature curing elastomeric coating system. Originally developed for application onto concrete to compliment Aqualine 300 for use in high build applications such as jointing and filleting, also where substantial surface imperfections are present and there is insufficient downtime to undertake more conventional cement based repairs.	<b>Features</b>	High build makes the product suited to vertical and overhead operations. 100% solids Excellent adhesion to a variety of substrates with suitable primer
<b>Recommended Applications</b>	Ideal for sewage digester soffits, effluent tanks  Repair of dredging hoses  Secondary containment applications for mild acid and alkali contact	<b>Package Size</b>	4.0L

### PRODUCT DATA

<b>Physical Properties</b>	<b>Colour</b>	P Component is Clear C Component is Black Mixed product is
	<b>Mix Ratio by Volume</b>	Black 2.0 : 1 1.4 : 1
	<b>Mix Ratio by Weight %</b>	100 45-55 30-40 15-
	<b>Solids by Volume Pot</b>	25
	<b>life at 15°C (Mins) Pot</b>	
	<b>life at 25°C (Mins) Pot</b>	
	<b>life at 35°C (Mins) Wet film build (mm)</b>	As required

<b>Performance Properties</b>	<b>Tensile Strength (MPa) BS6903 Part A2</b>	10-15
	<b>Elongation (%)BS6903 Part A2</b>	200-250
	<b>Temperature resistance (°C)</b>	Maximum 65
	<b>Coverage (approximate)</b>	1.0 L/m <sup>2</sup> /mm
	<b>Cured Hardness (Shore A) BS6903 Part A57</b>	dft 93-98





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### APPLICATION INFORMATION

<b>Surface Preparation</b>	<p>Proper surface preparation is essential to achieve the full potential of the system. Consult the relevant method statement for the application / substrate in question.</p> <p>Product should only be applied in conditions where the Temperature is &gt;3°C above the dew point and Relative Humidity is &lt;85%</p>
<b>Mixing</b>	<p>Prior to commencing use of the product ensure that the two components are stored a temperature of no lower than 20°C, a temperature of around 25°C is preferable and can be achieved by means of indirect heating with water or in a heated room.</p> <p>Thoroughly mix the C component prior to use. Transfer all of the C component into the P component and mix thoroughly using a variable speed mixer with a spiral or jiffy type mixer paddle taking care not to mix air into the product. Minimum mixer speed should be 800 rpm. Mix the product for 2 minutes, scrape the sides of the container with a long bladed spatula to ensure there is no unmixed product then mix for a further 1 minute. Transfer the contents into another container and mix for a final minute.</p> <p><b>DO NOT BREAK DOWN KITS</b></p>
<b>Application</b>	<p>Product should be applied by trowel to both horizontal and vertical surfaces.</p> <p>Review the appropriate method statement for detailed application instruction.</p>
<b>Cure</b>	<p>Cure times are quoted in the table below.</p>

	Substrate Temperature		
	10°C	20°C	30°C
<b>Cure Walk on @ 1.5mm (Hours)</b>	5	3	2
<b>Cure Light Duty @ 1.5mm (Days)</b>	1-2	1-2	1-2
<b>Cure 80% @ 1.5mm (Days)</b>	10	5	3
<b>Cure 100% @ 1.5mm (Days)</b>	20	12	7
<b>Recoat Time minimum (Minutes)</b>	90	60	30
<b>Maximum without reactivation (Hours)</b>	16	8	6
<b>Solvent wipe + UU55 &amp; overcoat</b>	16-36	8-24	6-12
<b>Abrade + Solvent wipe + UU55 &amp; overcoat</b>	>36	>24	>12

<b>Clean Up</b>	<p>All equipment should be thoroughly cleaned directly after use using MEK or suitable alternative where possible.</p>
<b>Shelf life &amp; Storage</b>	<p>A shelf life of 12 months from date of shipment can be expected when stored at room temperature (22°C) in their original containers.</p>
<b>Precautions</b>	<p>For complete safety and handling information, please refer to Material Safety Data Sheets prior to using this product.</p>
<b>Warranty</b>	<p>Irathane Futura will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.</p>

