

## Armafinish 99 Paint - Protective water-based paint for use on Armaflex installed outdoors. Provides a tough flexible film which is resistant to UV radiation, ozone and many aggressive chemicals.

Armafinish 99 is a water-based coating using an advanced terpolymer resin system. When properly applied the coating is suitable for the protection of Armaflex flexible thermal insulation materials against sunlight, UV radiation and chemical attack. The coating, when fully cured, maintains the flexibility, resistance to water vapour and fire performance of the Armaflex material. Where resistance to damage is a particular requirement the coating may be further strengthened using a random mesh glass fibre scrim.



	Values	Remarks																				
Application Conditions	The coating may be applied if the ambient temperature is not likely to fall below 5 °C, and the relative humidity is below 90%, providing that the dew point is not exceeded.																					
Max. Service Temperature	+ 60 °C.	For min. temperatures below -50° C, please consult our Technical Department. Tel. 0161 287 7100 · Fax 0161 633 2685																				
Min. Service Temperature	-50° C																					
<b>Solid Content</b>	48% by volume Specific gravity: 1.39																					
<b>Fire Performance</b>	When applied at the recommended thickness to Class O Armaflex and tested to BS 476 Parts 6 and 7 the system complies with the requirements of paragraph A12(b) of Approved Document B 'Fire Safety' of the Building Regulations 1991 to give the Class O classification. (See WFRC Certificates WARRES 60737 and 60738. Copies of full test certificates are available on request from Armacell Customer Services Department).																					
<b>Storage</b>	Store in frost-free conditions in tightly sealed container. Keep away from sources of heat.																					
<b>Shelf Life</b>	2 years in unopened containers, when stored as directed above.																					
<b>Coverage</b>	<table border="1"> <thead> <tr> <th>Coat</th> <th>litres per m<sup>2</sup></th> <th>m<sup>2</sup> per litre</th> <th>wet film (microns)</th> <th>dry film (microns)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>0.275</td> <td>3.6</td> <td>275</td> <td>130</td> </tr> <tr> <td>2nd</td> <td>0.275</td> <td>3.6</td> <td>275</td> <td>130</td> </tr> <tr> <td>Overall</td> <td>0.55</td> <td>1.8</td> <td>550</td> <td>260</td> </tr> </tbody> </table> <p>Where practical the first coat should be in a contrasting colour to the second coat so that adequate coverage is obtained by obliterating the substrate.</p> <p>To build up the required thickness Armafinish 99 should not be brushed out, as with conventional paints, but rather dabbed on to the surface and lightly smoothed out. When using brush application the second coat should be applied at right angles to the first, if it is practical to do so.</p>	Coat	litres per m <sup>2</sup>	m <sup>2</sup> per litre	wet film (microns)	dry film (microns)	1st	0.275	3.6	275	130	2nd	0.275	3.6	275	130	Overall	0.55	1.8	550	260	
Coat	litres per m <sup>2</sup>	m <sup>2</sup> per litre	wet film (microns)	dry film (microns)																		
1st	0.275	3.6	275	130																		
2nd	0.275	3.6	275	130																		
Overall	0.55	1.8	550	260																		
<b>Drying Time</b>	Under normal conditions the Armafinish 99 should be dry within 1 - 2 hours. Low temperature and / or high humidity will progressively increase the time for the coating to dry but will not affect the ultimate cure. The second coat may be applied as soon as the first coat is thoroughly dry and within 3 days of the first coat application.																					
<b>Application Notes</b>	<p>May be applied by brush, short pile roller or airless spray (at 2500-3000 psi with 19-20 thou tip size).</p> <p><b>Surface preparation:</b> The Armaflex surface should be clean, dry and free from any oil, grease, organic growth and other extraneous substances that may affect adhesion and cure. Surfaces may be cleaned using Armaflex cleaner, which should be allowed to evaporate completely before the application of the coating.</p> <p><b>Cleaning:</b> All brushes and equipment should be cleaned with water immediately after use.</p>																					