

# technical data

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## Acothane LV Sealer

<b>Product Description</b>	<b>A solvent free, two pack polyurethane sealer for concrete.</b>			
<b>Features &amp; Use</b>	<ul style="list-style-type: none"> <li>Use for the priming of concrete, plaster etc. prior to application of an Acothane finishing system, or as a saturation coating for concrete</li> </ul>			
<b>Finish</b>	Sheen			
<b>Volume Solids</b>	100%			
<b>VOC Content</b>	Zero g/litre			
<b>Film Thickness Range And Coverage</b>		<b>Dry Film Thickness</b>	<b>Wet Film Thickness</b>	<b>Theoretical Coverage</b>
	<b>Typical</b>	100 µm	100 µm	5.0 m <sup>2</sup> /litre
	Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated			
<b>Drying Times</b>	Applied to 100 µm DFT		<b>10°C</b>	<b>23°C</b>
	<b>Dust Free</b>		4 hr	2 hr
	<b>Hard Dry</b>		12 hr	6 hr
	<b>Overcoating</b>	Minimum	4 hr	2 hr
	<b>Full Cure</b>	Maximum	24 hr	24 hr
	Drying and recoating times are related to the surface temperature			
<b>Colours</b>	Clear			
<b>Mix Ratio</b>	Base 2.5 parts by volume Hardener 1 part by volume			
<b>Pot Life</b>	35 min at 20°C – do not apply after this time even if material appears fluid			
<b>SG</b>	1.07 kg/lt mixed			
<b>Storage Conditions</b>	Store in dry, cool conditions and protect from frost			
<b>Shelf Life</b>	Minimum 48 months if stored as above in unopened containers			
<b>Flash Point</b>	Above 60°C			

**technical data** *continued*

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts or other contamination</li> <li>Remove all laitance and other contaminants by the most appropriate methods, such as blast cleaning. Ensure the concrete is dry to a reading of &lt;16% on the Wood Moisture Equivalent (WME) scale</li> </ul>														
<b>Mixing</b>	<p>Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator.</p> <p>Activator must be added to base and thoroughly mixed to ensure an even mix throughout the container – at least 2 minutes mixing time is recommended. Care must be taken to avoid unmixed material being left on sides and bottom of can.</p> <p>Decanting mixed material into a plastic container and further mixing is recommended. Plastic container may be recovered for further use when coating has cured.</p>														
<b>Thinner / Cleaner</b>	Do not thin / Axalta Thinner Fast Industrial TH120														
<b>Application Conditions</b>	Do not apply when rain, mist, sleet or snow are imminent. Normal application requires relative humidity below 80%. To avoid risk of condensation, application should be performed only when the surface temperature is at least 3°C (5°F) above the dew point. Application at temperatures below 1°C (33°F) must be carefully monitored, since the possible presence of ice on the surface (or in pores, in the case of concrete) will result in poor performance														
<b>Application Methods</b>	<table border="1"> <thead> <tr> <th>Method</th> <th>Airless Spray</th> <th>Conventional Spray</th> <th>Brush</th> <th>Roller</th> </tr> </thead> <tbody> <tr> <td></td> <td>No</td> <td>No</td> <td>Yes</td> <td>Yes</td> </tr> </tbody> </table>	Method	Airless Spray	Conventional Spray	Brush	Roller		No	No	Yes	Yes				
Method	Airless Spray	Conventional Spray	Brush	Roller											
	No	No	Yes	Yes											
<ul style="list-style-type: none"> <li>Use immediately after mixing and work well into the substrate</li> </ul>															
<b>Product Notes</b>	<ul style="list-style-type: none"> <li>Activator contains isocyanates. As from 24th August 2023 adequate training is required before industrial or professional use. Please refer to the Safety Data Sheet for more details</li> <li>If maximum overcoating times are exceeded, abrading is required to provide adhesion for further coats</li> <li>In-service temperature limits: Wet – 0 °C to 70°C depending on solution; Dry – minus 20°C to + 120°C continuous</li> </ul>														
<b>Health &amp; Safety</b>	Containers are provided with safety labels which should be observed. A Safety Data Sheet for this product is available on request from Acothane UK Ltd.														

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