

## Hi-Dur AD100 Finish

<b>Product Description</b>	<b>An alkyd high gloss finish for spray application</b> with fast drying properties.				
<b>Features &amp; Use</b>	<ul style="list-style-type: none"> <li>• Where a fast drying gloss finish is required</li> <li>• Fast drying minimises dust contamination to give a durable high gloss finish</li> <li>• For use as a finish coat over a range of single pack and two pack primers</li> <li>• Suitable for agricultural and earth moving equipment, metal fabrications and general use</li> </ul>				
<b>Approvals/ Certification</b>	Please consult Axalta Coating Systems				
<b>Finish</b>	Gloss				
<b>Volume Solids</b>	39 ± 2% (varies with colour)				
<b>VOC Content</b>	520 ± 30 g/litre (varies with colour)				
<b>Film Thickness Range And Coverage</b>		<b>Dry Film Thickness</b>	<b>Wet Film Thickness</b>	<b>Theoretical Coverage</b>	
	<b>Typical</b>	35 µm	90 µm	11.1 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 35 microns DFT	<b>+10°C</b>	<b>+23°C</b>	<b>+35°C</b>	
	<b>Dust Free</b>	1 hr	25 min	15 min	
	<b>Hard Dry</b>	8 hr	5 hr	3 hr	
	<b>Overcoating</b>	Minimum*	2 to 8 hr	1 to 4 hr	1 to 4 hr
		Do <b>Not</b> Overcoat	8 to 36 hr	4 to 24 hr	4 to 24 hr
		Maximum	Indefinite if surface is clean and sound		
* See Product Notes Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
<b>Colours</b>	BS, RAL and full shade range by in-can tinting				
<b>Product Code</b>	<b>02HAD</b>				
<b>SG</b>	0.99 kg/lit (varies with colour)				
<b>Storage Conditions</b>	Store in dry, cool conditions and protect from frost				
<b>Shelf Life</b>	Minimum 12 months if stored as above in unopened containers				
<b>Flash Point</b>	23-60°C				



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<p><b>Surface Preparation</b></p>	<ul style="list-style-type: none"> <li>This product is a finish coat and should be applied over an appropriate primer and/or intermediate coat, please consult Axalta Coating Systems for advice</li> <li>All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination</li> </ul>				
<p><b>Mixing</b></p>	<p>Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.</p>				
<p><b>Thinner / Cleaner</b></p>	<p>Axalta Thinner Fast Industrial TH120 (formerly called No.4 Thinner)</p>				
<p><b>Application Conditions</b></p>	<p>Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point. Paint temperature should ideally be at a minimum of 15°C.</p>				
<p><b>Application Methods</b></p>	<p><b>Method</b></p>	<p><b>Airless Spray</b></p>	<p><b>Conventional Spray</b></p>	<p><b>Brush</b></p>	<p><b>Roller</b></p>
	<ul style="list-style-type: none"> <li>Airless Spray: Output fluid pressure at tip 2000 psi min., Tip Size 11-15 thou (0.28-0.38 mm)</li> <li>Conventional spray: Typical air atomising pressure 50-60 psi</li> <li>Application by brush is recommended for touch up only as product is very fast drying. For brush application, ViterLac ABV is recommended</li> <li>Dependent on temperature, the material may require thinning up to 5% with TH120 Thinner</li> </ul>	<p>Yes</p>	<p>Yes</p>	<p>No</p>	<p>No</p>
<p><b>Product Notes</b></p>	<ul style="list-style-type: none"> <li><b>Overcoating:</b> This product goes through an intermediate period where wrinkling by subsequent applications may occur. Overcoat before the lowest time shown, or leave until after the highest time shown, in order to allow adequate through drying</li> <li>Do not apply over white spirit based products. The compatibility of overcoating products should be confirmed prior to application</li> <li>Not recommended for immersion</li> <li>For best opacity use a primer or undercoat of a suitable shade</li> </ul>				
<p><b>Health &amp; Safety</b></p>	<p>Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.</p>				

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