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## HI-DUR AD100 O.E.M. FINISH

### PRODUCT DESCRIPTION

A high quality, fast drying, medium build finish based on a short oil modified alkyd resin which produces a hard, glossy coating. Dry times are short, therefore overcoating times are reduced, giving a fast turnaround in application. This product exhibits high durability, gloss retention and resistance in industrial and agricultural environments.

### USES

Coating for machinery and plant, agricultural equipment, general fabrications and machine tools where a premium gloss is required.

### TECHNICAL PROPERTIES

<b>Colour</b>	RAL, BS 4800, Special Colours		
<b>Finish</b>	Full Gloss		
<b>Curing Agent</b>	n/a		
<b>Mix Ratio</b>	n/a		
<b>Specific Gravity</b>	1.02		
<b>Volume Solids</b>	40%		
<b>Recommended Film Thickness</b>	87µm WFT / 35µm DFT		
<b>Theoretical Spreading Rate</b>	11 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	23°C		
<b>VOC</b>	525 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	1 hour	20-30 minutes	10-20 minutes
Hard Dry	8 hours	4-5 hours	2-3 hours
Minimum Overcoat	2 hours	1 hour	1 hour
Maximum Overcoat	8 hours	4 hours	4 hours
		(or after 24 hours)	

### CERTIFICATION/APPROVALS

#### RECOMMENDED SYSTEMS

<u>Steel:</u>	Extended Life System	Primer: Bondon 110 Epoxy Primer
		Topcoat: Hi-Dur AD100 O.E.M. Finish
<u>Aluminium:</u>	Conventional System	Primer: Speedspray QDH Primer
		Topcoat: Hi-Dur AD100 O.E.M. Finish
		Primer: Etch Primer (2 Pack)
		Topcoat: Hi-Dur AD100 O.E.M. Finish

### SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Metal work should be primed with Speedspray QDH Primer, Bondon 110 Epoxy Primer or Etch Primer (2 Pack).

## PRODUCT APPLICATION

<b>Mixing</b>	Stir thoroughly before use.
<b>Thinners</b>	Thinner No.4
<b>Brush</b>	Small areas only. Do not thin.
<b>Roller</b>	Small areas only. Do not thin.
<b>Conventional Spray</b>	Thin up to 5% Thinner No.4 Use 50-60 psi pressure and 1.4-1.6 diameter nozzle.
<b>Airless Spray</b>	Thin up to 5% Thinner No.4 Use tip 0.28-0.38 mm, 50-65° angle and 1800-2000 psi pressure.
<b>Air Assisted Airless Spray</b>	Thin up to 5% Thinner No.4 Use 800-1000 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Cleaner</b>	Thinner No.4
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.4 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

## HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.  
The user must observe local health, safety and environmental regulations when using this product.  
Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

## PACK SIZES

5 and 25 litre

## PACK WEIGHTS

5 litre: 5.1 Kg. 25 litre: 25.5 Kg.

## STORAGE CONDITIONS

Store away from extremes of temperature.

## LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point.

## DISCLAIMER

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It is the user's responsibility to ensure that this sheet is current prior to using the product.