

## HI-DUR MD100 O.E.M. FINISH

### PRODUCT DESCRIPTION

A high quality, medium build finish based on a short oil modified alkyd resin that produces a hard, glossy coating. Dry times are longer than Hi-Dur AD100 Finish, therefore larger equipment can be coated without the danger of dry spray. This product exhibits high durability, gloss retention and resistance in industrial and agricultural environments.

### USES

Coating for large machinery and plant, large agricultural equipment and large general fabrications 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>	45%		
<b>Recommended Film Thickness</b>	75µ m WFT / 35µm DFT		
<b>Theoretical Spreading Rate</b>	13 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	23°C		
<b>VOC</b>	475 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	2 ½ hours	1 hour	30-40 minutes
Hard Dry	10 hours	8 hours	6 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: Epoxy Zinc Primer (1 Pack)
	Conventional System	Topcoat: Hi-Dur MD100 O.E.M. Finish
<u>Aluminium:</u>		Primer: Speedspray QDH Primer
		Topcoat: Hi-Dur MD100 O.E.M. Finish
		Primer: Etch Primer (2 Pack)
		Topcoat: Hi-Dur MD100 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, Epoxy Zinc Primer (1 Pack) or Etch Primer (2 Pack).

## PRODUCT APPLICATION

<b>Mixing</b>	Stir thoroughly before use.
<b>Thinners</b>	Thinner No.7
<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.7 Use 50-60 psi pressure and 1.4-1.8 diameter nozzle.
<b>Airless Spray</b>	Thin up to 5% Thinner No.7 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.7 Use 800-1000 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Cleaner</b>	Thinner No.7 or No.4
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.7 or 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

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

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