

## HI-DUR PU100 A.C.E. FINISH

### PRODUCT DESCRIPTION

A high quality, medium build finish based on a polyurethane modified alkyd resin. The product is suitable for all types of application (brushing, hot spray etc.) and is ideal for repairers and original equipment manufacturers. The product has good through drying and fast re-coat properties, excellent gloss and offers a superb long life finish with good resistance to chemical washing and chipping.

### USES

Ideal for all agricultural equipment, general fabrications, trailers and coach bodies of any size.

### 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>	0.91		
<b>Volume Solids</b>	49%		
<b>Recommended Film Thickness</b>	50-75µm WFT / 25-37µm DFT		
<b>Theoretical Spreading Rate</b>	13-19 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	28°C		
<b>VOC</b>	430 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	2 hours	1 hour	40 minutes
Hard Dry	9 hours	6 hours	4 hours
Minimum Overcoat	14 hours	12 hours	8 hours
Maximum Overcoat	24 hours	24 hours	24 hours

### CERTIFICATION/APPROVALS

#### RECOMMENDED SYSTEMS

Hi-Dur ZP Primer

### SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Metal work should be primed with Hi-Dur ZP Primer.

## PRODUCT APPLICATION

<b>Mixing</b>	Stir thoroughly before use.
<b>Thinners</b>	Thinner No.3
<b>Brush</b>	First coat may be thinned 5% to assist application. Two full coats should be used for maximum protection and obliteration. Bright Red and Yellow shades may require further coats.
<b>Roller</b>	First coat may be thinned 5% to assist application. Two full coats should be used for maximum protection and obliteration. Bright Red and Yellow shades may require further coats.
<b>Conventional Spray</b>	Thin up to 15% Thinner No.3 Use 50-60 psi pressure and 1.4-1.8 diameter nozzle.
<b>Airless Spray</b>	Thin up to 10% Thinner No.3 Use tip 0.28-0.38 mm, 50-65° angle and 1800-2000 psi pressure.
<b>Air Assisted Airless Spray</b>	Thin up to 15% Thinner No.3 Use 800-1000 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Cleaner</b>	Thinner No.3
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.3 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

1 and 2.5 litre – house colours only  
5 and 25 litre – all colours

## PACK WEIGHTS

1 litre: 1.12 Kg. 2.5 litre: 2.8 Kg. 5 litre: 5.6 Kg. 25 litre: 28 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.  
Drying will be affected in cold conditions.

## DISCLAIMER

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