

## BONDON 116

### PRODUCT DESCRIPTION

A two pack high build epoxy maintenance Primer/Undercoat for abraded surfaces. It is highly surface tolerant and may be spray or brush applied.

### USES

As an undercoat in the Bondon range over Bondon 115, and as an undercoat for upgrading most existing conventional coatings.

### TECHNICAL PROPERTIES

<b>Colour</b>	Grey		
<b>Finish</b>	Semi Gloss		
<b>Curing Agent</b>	Bondon 116 Curing Agent		
<b>Mix Ratio</b>	4 Base : 1 Curing Agent by volume		
<b>Specific Gravity</b>	1.42		
<b>Volume Solids</b>	82%		
<b>Recommended Film Thickness</b>	92-183µm WFT / 75-150µm DFT		
<b>Theoretical Spreading Rate</b>	5.5-10 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	25°C		
<b>VOC</b>	150 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	8 hours	6 hours	4 hours
Hard Dry	24 hours	16 hours	12 hours
Full Cure	10 days	7 days	5 days
Minimum Overcoat	4 hours	3 hours	2 hours
Maximum Overcoat*	12 weeks	12 weeks	12 weeks

\*Surface to be dry and free from contaminants. When maximum recoating time is exceeded, the surface must be abraded before overcoating to ensure intercoat adhesion.

**CERTIFICATION/APPROVALS** Highways Agency

**RECOMMENDED SYSTEMS** Bondon 072, Bondon 115, Bondon 168

### SURFACE PREPARATION

Apply onto blast cleaned or over abraded and degreased aged coatings or Bondon 115. Oil and grease must be removed by solvent cleaning according to SSPC-SP1.

## PRODUCT APPLICATION

<b>Mixing</b>	Mix 4 litres Base with 1 litre Curing Agent. Mix thoroughly (mechanical mixing is recommended). Pot life 2 hours @ 20°C.
<b>Thinners</b>	Thinner No.5
<b>Brush</b>	Suitable, Multi coats may be required to achieve final DFT
<b>Roller</b>	Suitable, Multi coats may be required to achieve final DFT
<b>Conventional Spray</b>	Not recommended.
<b>Airless Spray</b>	Use tip size 13 - 21thou (0.33 - 0.53 mm)
<b>Air Assisted Airless Spray</b>	Use tip size 13 - 19thou (0.33 - 0.48 mm)
<b>Cleaner</b>	Thinner No.5
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.5 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 litre composite packs

## PACK WEIGHTS

5 litre: 7.1 Kg.

## STORAGE CONDITIONS

Store in sealed containers at 10-25°C. Shelf life 18 months (unmixed).

## LIMITATIONS

Do not apply when RH exceeds 85%, the surface is less than 3°C above dew point or surface temperature is below 5°C. When over-coating chlorinated rubber or acrylated rubber, the DFT should be kept below 75um, thus reducing risk of solvent attack/entrapment.

## DISCLAIMER

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