

BONDON 116

PRODUCT DESCRIPTION

A two pack high build epoxy maintenance 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

Colour	Grey		
Finish	Semi Gloss		
Curing Agent	Bondon 116 Curing Agent		
Mix Ratio	4 Base : 1 Curing Agent by volume		
Specific Gravity	1.42		
Volume Solids	82%		
Recommended Film Thickness	92-183µm WFT / 75-150µm DFT		
Theoretical Spreading Rate	5.5-10 m ² /litre		
Application Method	Brush, Spray		
Flash Point	25°C		
VOC	150 g/litre		
Drying Times	10°C	20°C	30°C
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 115, Bondon 168

SURFACE PREPARATION

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

PRODUCT APPLICATION

Mixing	Mix 4 litres Base with 1 litre Curing Agent. Mix thoroughly (mechanical mixing is recommended). Pot life 2 hours @ 20°C.
Thinners	Thinner No.5
Brush	Suitable for small area maintenance only.
Roller	Suitable for small area maintenance only.
Conventional Spray	Not recommended.
Airless Spray	Thin up to 10% Thinner No.5 Use tip 0.45-0.59 mm, 60-80° angle and 2000-2500 psi pressure.
Air Assisted Airless Spray	Thin up to 10% Thinner No.5 Use 800-1000 psi pressure and 1.4-2.0 mm diameter nozzle.
Cleaner	Thinner No.5
Cleanup Considerations	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% or the surface is less than 3°C above dew point. Temperature of paint on application : 10°C minimum, 30°C maximum. Not suitable for application to wet or moist surfaces.

When overcoating chlorinated rubber or acrylated rubber, the DFT should be kept at 75m, 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.