

BONDON 159 ALUMINIUM SEALER

PRODUCT DESCRIPTION

A polyamide cured two pack epoxy sealer/primer pigmented with aluminium that can be brush or airless spray applied.

USES

As a sealer/primer applied over aluminium metal spray. Bondon 159 can be overcoated with Bondon 112, chlorinated rubber or alkyd coatings.

TECHNICAL PROPERTIES

Colour	Grey/Red Metallic		
Finish	Glossy		
Curing Agent	Bondon 159 Curing Agent		
Mix Ratio	3 Base : 1 Curing Agent by volume		
Specific Gravity	1.022		
Volume Solids	47%		
Recommended Film Thickness	42-64µm WFT / 20-30µm DFT		
Theoretical Spreading Rate	16-24 m ² /litre		
Application Method	Brush, Spray		
Flash Point	25°C		
VOC	450 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	1 ½ hours	55 minutes	45 minutes
Hard Dry	6 hours	4 hours	3 hours
Minimum Overcoat	12 hours	8 hours	6 hours
Maximum Overcoat	7 days	7 days	7 days

CERTIFICATION/APPROVALS Highways Agency

RECOMMENDED SYSTEMS Bondon Range, Chlorinated Rubber.

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Apply a single coat of Bondon 159 within 4 hours of spraying on metal coatings.

PRODUCT APPLICATION

Mixing	Mix 3 parts Base to 1 part Curing Agent by volume. Mix thoroughly. Pot life 8 hours @ 20°C.
Thinners	Thinner No.5
Brush	Apply evenly, working sealer intimately into the sprayed aluminium surface. Do not over-apply
Roller	
Conventional Spray	
Airless Spray	Thin up to 5% Thinner No.5 if required. Use tip 0.33-0.45 mm, 40-80° angle and 1800-2500 psi pressure. Do not over-apply.
Air Assisted Airless Spray	-
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: 5.11 Kg.

STORAGE CONDITIONS

Store away from extremes of temperature. Ensure strict stock rotation is in place.

LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point. At temperatures below 10°C the cure may be affected. Do not apply below 4°C or to damp substrates.

Excess application, especially pooling on horizontal surfaces, must immediately be removed by brush or sponge.

DISCLAIMER

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