

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 or zinc metal sprayed surfaces. Bondon 159 can be over coated with Bondon 112, chlorinated rubber or alkyd coatings.

TECHNICAL PROPERTIES

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|-----------------------------------|-----------------------------------|-------------|-------------|
| 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

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| 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 | Apply a single wet coat using a long pile roller, cross banding to ensure penetration into the porous metal sprayed surface. |
| Conventional Spray | Thin up to 5% with thinner No.5. |
| Airless Spray | Use tip 13-17thou (0.33-0.43 mm). Do not over-apply. |
| Air Assisted Airless Spray | Use tip 13-17thou (0.33-0.43 mm). Do not over-apply. |
| 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 85%, the surface is less than 3°C above dew point or at surface temperatures below 5°C.
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.