

## BONDON 112

### PRODUCT DESCRIPTION

A two pack high build quick drying epoxy undercoat/finish containing Micaceous Iron Oxide (MIO) Pigment.

### USES

As an undercoat or finish in the Bondon range over Bondon 110 or Bondon 111.

### TECHNICAL PROPERTIES

<b>Colour</b>	Grey
<b>Finish</b>	Metallic, Matt
<b>Curing Agent</b>	Bondon 112 Curing Agent
<b>Mix Ratio</b>	4 Base : 1 Curing Agent by volume
<b>Specific Gravity</b>	1.847
<b>Volume Solids</b>	76%
<b>Recommended Film Thickness</b>	150-250µm WFT / 114-190µm DFT
<b>Theoretical Spreading Rate</b>	4-7 m <sup>2</sup> /litre
<b>Application Method</b>	Brush, Roller, Spray
<b>Flash Point</b>	25°C
<b>VOC</b>	198 g/litre
<b>Drying Times</b>	<b>10°C</b> <b>20°C</b> <b>30°C</b>
Touch Dry	4 hours                      3 hours                      2 hours
Hard Dry	7 hours                      5 hours                      4 hours
Full Cure	10 days                      7 days                      5 days
Minimum Overcoat	6 hours                      4 hours                      3 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 110, Bondon 111, Bondon115, Bondon 168

### SURFACE PREPARATION

**Steel:** Ensure Bondon 110 or Bondon 111 is clean, dry and free from dirt, grease and other contamination.

**Repair:** Corroded areas should be power tool cleaned to ST3 or blast cleaned to SA2 or better and primed with Bondon 115, 111 or Bondon 110. Existing systems must be dry and free from salt, grease and other contaminants. There should be no loose paint and edges of existing coatings should be well feathered and tightly adhering.

## PRODUCT APPLICATION

<b>Mixing</b>	Mix 4 litres Base with 1 litre Curing Agent. <b>Must be mechanically stirred before use.</b> Pot life 2 hours @ 20°C.
<b>Thinners</b>	Thinner No.5
<b>Brush</b>	Do not thin.
<b>Roller</b>	Do not thin.
<b>Conventional Spray</b>	Not recommended.
<b>Airless Spray</b>	Use tip size 13 – 21thou (0.33 – 0.53mm)
<b>Air Assisted Airless Spray</b>	Use tip size 13 – 19thou (0.33 – 0.48mm)
<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: 9.23 Kg.

## STORAGE CONDITIONS

Store in sealed containers at 10-25°C. Shelf life 6 months (unmixed).

**ENSURE STRICT STOCK ROTATION IS PRACTISED.**

## LIMITATIONS

Do not apply when RH exceeds 85%, the surface is less than 3°C above dew point or temperature is below 5°C.

**THIS PRODUCT MUST BE MECHANICALLY STIRRED WHEN ACTIVATED.**

## DISCLAIMER

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