

## BONDON 110

### PRODUCT DESCRIPTION

Two-pack zinc phosphate low build quick drying epoxy blast primer with extended durability.

### USES

As a versatile fabrication and maintenance primer for industrial locations, chemical plants and general steelwork and superstructures.

### TECHNICAL PROPERTIES

<b>Colour</b>	Red Oxide, Grey		
<b>Finish</b>	Matt		
<b>Curing Agent</b>	Bondon 110 Curing Agent		
<b>Mix Ratio</b>	4 Base : 1 Curing Agent by volume		
<b>Specific Gravity</b>	1.43		
<b>Volume Solids</b>	47%		
<b>Recommended Film Thickness</b>	60-200µm WFT / 28-94µm DFT		
<b>Theoretical Spreading Rate</b>	5-16 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	24°C		
<b>VOC</b>	460 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	40 minutes	20 minutes	10 minutes
Hard Dry	6 hours	4 hours	3 hours
Full Cure	5 days	3 days	2 days
Minimum Overcoat	2 hours	1 hour	½ hour
Maximum Overcoat*	6 months	6 months	6 months

\*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

<u>Bondon</u>	Primer: Bondon 110 Intermediate: Bondon 112 Topcoat: Bondon 168
<u>Conventional</u>	Primer: Bondon 110 Topcoat: Hi-Dur AD100 Finish

### SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Blast clean to a minimum SA2½ and prime within 2 hours.

## PRODUCT APPLICATION

<b>Mixing</b>	Mix 4 litres Base with 1 litre Curing Agent. Mix thoroughly (mechanical mixing is recommended). Allow 30 minutes before application. Pot life 8 hours @ 20°C.
<b>Thinners</b>	Do not thin.
<b>Brush</b>	Do not thin. Only small touch up areas should be painted. Two coats will normally be required to achieve film build.
<b>Roller</b>	Do not thin. Only small touch up areas should be painted. Two coats will normally be required to achieve film build.
<b>Conventional Spray</b>	Do not thin. Use 50-60 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Airless Spray</b>	Do not thin. Use tip 0.48-0.59 mm, 65-80° angle and 1800-2300 psi pressure.
<b>Air Assisted Airless Spray</b>	Do not thin. Use 800-1000 psi pressure and 1.4-1.8 mm diameter nozzle.
<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 and 20 litre composite packs

## PACK WEIGHTS

5 litre: 7.15 Kg. 20 litre: 28.6 Kg.

## STORAGE CONDITIONS

Store away from extremes of temperature.

## LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point.

## DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

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