

## AQUABOND HP30 2K PRIMER

### PRODUCT DESCRIPTION

A waterbased 2 pack epoxy primer based on an acrylic/epoxy resin blend with exceptional salt spray and chemical resistance with good adhesion to blasted or pre-treated steel.

### USES

For the protection of steelwork in harsh environments e.g. HGV trailer axles, and can be overcoated with various topcoats.

### TECHNICAL PROPERTIES

<b>Colour</b>	Black		
<b>Finish</b>	Matt		
<b>Curing Agent</b>	Aquabond HP30 Curing Agent		
<b>Mix Ratio</b>	10:1 Base : Curing Agent by volume		
<b>Specific Gravity</b>	1.105		
<b>Volume Solids</b>	27%		
<b>Recommended Film Thickness</b>	111-222µm WFT / 30-60µm DFT		
<b>Theoretical Spreading Rate</b>	4.5-9.0 m <sup>2</sup> /litre		
<b>Application Method</b>	Airless spray		
<b>Flash Point</b>	>40°C		
<b>VOC</b>	215 g/litre		
<b>Drying Times*</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	50 minutes	30 minutes	20 minutes
Hard Dry	3 ½ hours	2 hours	1 ½ hours
Full Cure			
Minimum Overcoat	3 ½ hours	2 hours	1 ½ hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

\* Product can be force dried typical 20 minutes @ 120°C

### CERTIFICATION/APPROVALS

#### RECOMMENDED SYSTEMS

Various topcoats.

### SURFACE PREPARATION

**Blast Cleaning:** Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Blast to minimum SA2½.

**Pre-Treatment:** Phosphated steel such as Pyrene 247 treated. Ensure surfaces are clean, dry and free from dirt, grease and other contamination.

## PRODUCT APPLICATION

<b>Mixing</b>	10 : 1 Base : Curing Agent by volume. Pot life 4-6 hours @ 20°C.
<b>Thinners</b>	Water.
<b>Airless Spray</b>	Thin with water if required. Use tip 0.38-0.53 mm and 1800-2000 psi pressure.
<b>Cleaner</b>	Water
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with water. 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

Base : 1000 litre IBC's  
Curing Agent : 1000 litre IBC's

## PACK WEIGHTS

Base : 1105 Kg.  
Curing Agent : 1100 Kg.

## STORAGE CONDITIONS

Shelf life 6 months.

**PROTECT FROM FROST AND STORE ABOVE 5°C. ENSURE STRICT STOCK ROTATION IS PRACTISED.**

## LIMITATIONS

Do not apply below 5°C. RH should be below 80%. Films of extreme thickness will require longer periods to fully cure. Drying will be affected in cold or damp conditions. The base component is thixotropic and will appear gelled. This structure will break down under shear.

## DISCLAIMER

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