

BRIGHT ALUMINIUM PAINT

PRODUCT DESCRIPTION

A high quality heat resistant aluminium paint for decorative and protective use on metalwork. Based on a modified hard resin system pigmented with leafing aluminium to provide good protection and a bright metallic finish. Withstands heated surfaces up to 150°C.

USES

Can be used on most metal surfaces such as ducting, chassis members, tank exteriors, pipework and in a solar reflective role where excessive temperatures need to be limited.

TECHNICAL PROPERTIES

Colour	Aluminium		
Finish	Bright Lustre		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.00		
Volume Solids	50%		
Recommended Film Thickness	60µm WFT / 30µm DFT		
Theoretical Spreading Rate	17 m ² /litre		
Application Method	Brush, Roller, Spray		
Flash Point	39°C		
VOC	402 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	2 hours	1 hour	40 minutes
Hard Dry	5 hours	3 hours	2 hours
Minimum Overcoat	7 hours	5 hours	4 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Hi-Dur ZP Primer, Etch Primer (Two Pack)

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. If necessary blast clean to a minimum SA2 and apply primer or finish within 2 hours. Hi-Dur ZP Primer should be used in normal situations on ferrous substrates. Etch Primer should be used on non-ferrous metals. When heat is to be applied, apply Bright Aluminium directly to clean steel.

PRODUCT APPLICATION

Mixing	Stir well before use.
Thinners	Do not thin.
Brush	Use as supplied. Apply two coats for maximum protection.
Roller	Use as supplied. Apply two coats for maximum protection.
Conventional Spray	Use 30-40 psi pressure and 1.4-1.8 mm diameter nozzle.
Airless Spray	Do not thin. Use tip 0.28-0.38 mm, 50-65° angle and 1800 psi pressure. Abrasive product, can cause high nozzle wear when spraying.
Air Assisted Airless Spray	Do not thin. Use 1000 psi pressure and 1.4-1.8 mm diameter nozzle.
Cleaner	Thinner No.3 or Thinner No.4
Cleanup Considerations	All equipment should be cleaned immediately after use with Thinner No.3 or Thinner No.4 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

1, 2½ and 5 litre

PACK WEIGHTS

1 litre: 1 kg.
2½ litre: 2.5 kg.
5 litre: 5 kg.

STORAGE CONDITIONS

Store away from extremes of temperature. Ensure water contamination is avoided. Shelf life 12 months in unopened tins.

LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point.
Drying will be affected in cold conditions.

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.