

# Ardenbrite metallic paint

AB4380001-14

## intended uses

Established in 1927, Ardenbrite has enjoyed a reputation as the finest metallic paint available. Ardenbrite is a range of quick drying liquid metal paints that dry to a rich sheen finish and provide a unique and classical decorative coating. Available in a wide range of traditional metallic colours and suitable for both internal and external use.

Suitable for use on decorative metalwork, paper, wood, plastic, ceramic, previously painted and cementitious areas. Ideal for major works or redecoration and renovation of ornaments and objects within theatres, churches, embassies and other civic buildings, hotels, museums, restaurants and public houses where a distinctive decorative effect is required.

Also intended for painting domestic items such as, ornaments, household and garden objects, wrought iron gates and fencing.

## Product information

<b>Product reference</b>	AB4380001-14 series
<b>Volume solids</b>	16-18% depending upon colour
<b>Typical thickness</b>	15 microns per coat
<b>Theoretical coverage</b>	12m <sup>2</sup> /litre/coat
<b>Practical coverage</b>	Dependent upon surface profile, wastage etc
<b>Appearance/Colour range</b>	Metallic
<b>VOC content</b>	670g/L (only recommended for application to items outside the scope of Directive 2004/42/CE)

## application details

<b>Method of application</b>	For small areas application is by brush or roller. For larger areas preferred application method is by conventional spray. This will give a more uniform appearance. 2 coats are normally required. It is essential the Metallic paint is thoroughly shaken and stirred and frequently agitated during use.											
<b>Thinner</b>	Ardenbrite Thinning Medium											
<b>Cleaner</b>	Methylated Spirit.											
<b>Drying time</b>												
Substrate Temperature	<table border="1"><thead><tr><th rowspan="2">Touch Dry</th><th rowspan="2">Hard Dry</th><th colspan="2">Overcoating Interval</th></tr><tr><th>Minimum</th><th>Maximum</th></tr></thead><tbody><tr><td>20°C</td><td>15 minutes</td><td>1 hour</td><td>30 minutes</td><td>Internal – 7 days External - 2 hours</td></tr></tbody></table>	Touch Dry	Hard Dry	Overcoating Interval		Minimum	Maximum	20°C	15 minutes	1 hour	30 minutes	Internal – 7 days External - 2 hours
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**Note:** Drying/curing times will be shortened by higher temperatures and lengthened by lower temperatures

## storage and handling

<b>Storage</b>	Store the closed containers in a store room which is either in a safe place or is a fire resisting structure.
<b>Pack Size</b>	125, 250 and 500ml, 1 and 2.5 litres
<b>Flash point</b>	12°C
<b>Product weight</b>	c.0.89-0.99kg/litre depending on colour
<b>Shelf life</b>	12 months in unopened containers at moderate temperatures.

## surface preparation

Ensure all surfaces are dry, clean sound and free from any surface contamination such as dirt, oil, rust, grease etc.

**Internal Non Porous Substrates:** eg. previously painted, ceramic etc apply 1 coat of Ardenbrite QD Base Coat (Note: if existing coating is hard/glossy then abrade before application).

**Internal Porous Substrates:** eg. plaster, wood, etc seal with Ardenbrite QD Base Coat thinned by up to 10% by volume followed by 1 full coat of Ardenbrite QD Basecoat.

**External Porous Substrates\*:** eg. cement etc seal with Ardenbrite QD Base Coat thinned by up to 10% by volume followed by 1 full coat of Ardenbrite QD Basecoat.

**Internal MDF:** apply 1 coat of Blackfriar Multi Surface Primer followed by 1 coat of Ardenbrite QD Base Coat.

**Internal Ferrous Metal:** eg. cast iron, steel, apply 1 coat of Blackfriar Multi Surface Primer followed by 1 coat of Ardenbrite QD Base Coat.

**External Untreated Ferrous Metal\*:** apply 1 coat of Blackfriar Multi Surface Primer followed by 1 coat of Ardenbrite QD Base Coat.

**External Galvanised Steel\*:** apply 1 coat of Blackfriar Multi Surface Primer followed by 1 coat of Ardenbrite QD Base Coat.

**Other Non Ferrous Metals:** consult Tor Technical Department.

## limitations

Do not apply if rain is imminent. If the Metallic Paint is to be sprayed, ensure that a "wet coating" is applied to the substrate. Care should be taken to avoid dry-spraying or this may impair the final dry film appearance.

**\*External applications,** the Metallic Paint must be suitably protected with 2 coats of Ardenbrite Protective Glaze. At least 1 coat of Protective Glaze must be applied within 2 hours of application of the Metallic Paint. For internal use, the Protective Glaze may be applied in public areas where protection of the paint is required, eg. hand rails, lift doors etc.

## safety precautions

A copy of the appropriate Health & Safety Data Sheet should be consulted prior to using the product. Contact Sales on 0191 4113146

Minimum precautions for all paints:

1. Avoid skin and eye contact i.e. wear gloves, goggles, etc
2. Ensure good ventilation, mechanical if necessary.
3. Store and use away from heat and flame.
4. Do not eat or smoke in the vicinity of work.
5. Wash hands before eating.
6. Refer to supply container for additional warning labels.

## definitions

**Tolerances** All information quoted in this data sheet is subject to normal manufacturing tolerances.

**Practical coverage** Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure.

**Pot Life** Applies only to two component products and refers to the time the mixture remains usable.

## disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Tor Coatings be liable for consequential or incidental damages.

This document will normally be updated at least every two years. It is the users responsibility to ensure that they have the current copy.

**Updated: Mar 2015**