



TECHNICAL DATA SHEET

Hammerite Ultima Matt Finish

PRODUCT INFORMATION

<i>DESCRIPTION</i>	Hammerite Ultima is the next evolution in metal paint. It is Water Based and especially formulated to be applied direct to rust and direct to any type of metal without a primer. It provides a highly durable decorative finish for up to 12 years. Suitable for application on gates, railings, garden furniture and all type of outdoor metal.
<i>BENEFITS</i>	<ul style="list-style-type: none">• Protects the metal for up to 12 years• Application direct to rust and direct to metal by roller or brush• Quick drying, application of second coat after 4 hours• Colour lock technology. Long lasting colour and smooth finish
<i>USAGE</i>	As a decorative coating for ferrous and non-ferrous metals
<i>PACK SIZE</i>	750ml
<i>COLOUR RANGE</i>	Black, Dark Grey, White
<i>PRODUCT CODE</i>	

PHYSICAL FILM PROPERTIES

<i>Adhesion</i>	Adhesion on various metals. On steel, zinc, aluminum, etc. ISO 2409. On copper Hammerite Special metals primer is needed to ensure good adhesion
<i>Scratch Resistance</i>	2000 g.
<i>Impact Resistance</i>	Initial impact 30kg, after 1 & 3 months 20kg. Initial impact resistance can be higher and vary due to coalescent evaporation. Measured with PDE006
<i>Gloss</i>	Initial ≤ 15 GU @ 60 degree

PRODUCT DATA

<i>Composition</i>	Pigment : 2.6-24.3% Binder : 25-36% Solvent :
<i>Volume Solid</i>	40.9-52.6 w%
<i>Drying Time</i>	
<i>Touch Dry</i>	3 hours
<i>Recoat</i>	4 hours
<i>Theoretical Film Thickness</i>	Minimum 130-135 microns wet, minimum 50 microns dry per 1 coat. 2-3 layers recommended. Minimum of 100 microns dry layer thickness required
<i>Theoretical Coverage</i>	Up to 7.5 m ² /L for one coat at recommended dry film thickness (brushing)
<i>Finishing</i>	Matt

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APPLICATION GUIDE

Surface Preparation

- Abrade Aluminium, Copper and Brass to improve adhesion
- On new, bright galvanised surfaces, leave to weather for a number of months until duller and coarser to ensure good adhesion, before application of Hammerite Ultima
- Where the surface has been previously painted, it is recommended that a small test area is applied. Leave for 1 hour. If there is a reaction, remove all previous paint before applying Hammerite Ultima

Mixing Not recommended

Pot Life 24 months

Application Tools

BRUSH - Suitable for small areas.

- Stir before use
- Two coats will normally be sufficient but additional coats may be required when applying over contrasting colours
- Ensure edges and corners are adequately coated

ROLLER - Suitable for larger, flat areas.

- Hammerite Ultima is designed to be ready for use
- The edges should be brushed in first and the remaining areas quickly filled in with the roller
- For best results apply liberally using short, quick strokes

Dilution Dilution of the product is not recommended

System Recommendation

Substrate	Primer (1 coat)	Undercoat (1 coat)	Finish (2-3 coats)
Non-ferrous metal	N/A	N/A	Hammerite Ultima

For alternative coating systems, please refer to our Sales Representative

Cleaning Up After use, remove as much paint as possible from brushes before cleaning with Hammerite Brush Cleaner & Thinners. Do not use or store in extremes of temperature

HEALTH, SAFETY & ENVIRONMENT INFORMATION

Please refer to Product Safety Data Sheet

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