



TECHNICAL DATA SHEET

Hammerite Ultima Smooth 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, Brown, Red, Light Grey, White

PRODUCT CODE

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 76-87 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>	Smooth

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APPLICATION GUIDE

<i>Surface Preparation</i>	<ul style="list-style-type: none">- 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
<i>Mixing</i>	Not recommended
<i>Pot Life</i>	24 months
<i>Application Tools</i>	<p>BRUSH - Suitable for small areas.</p> <ul style="list-style-type: none">• 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 <p>ROLLER - Suitable for larger, flat areas.</p> <ul style="list-style-type: none">• 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
<i>Dilution</i>	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

<i>Cleaning Up</i>	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
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HEALTH, SAFETY & ENVIRONMENT INFORMATION

Please refer to Product Safety Data Sheet

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