



# HAMMERITE NO. 1 RUSTBEATER

## HMT3

### PRODUCT INFORMATION

<b>Typical Use</b>	Anti-corrosive rust-stabilising primer. For direct application to bare and rusty iron and steel. Penetrates and stabilises existing rust. Creates barrier to prevent further rust. Helps level rough and profiled surfaces. Before preparing any surface for painting, read the Safety, Health and Environmental information on page 3 about old lead-based paints.
<b>Typical Applications</b>	Cast ironwork, machinery, railings, street furniture, structural steel work, shot, grit and blasted steel Corrosion resistant, reduces expensive surface preparation, and provides a stable, smooth surface ready for painting.
<b>Pack Size</b>	<b>Tins:</b> 250ml, 500ml, 1 ltr and 2.5 ltrs. <b>Aerosol:</b> 200ml, 400ml.
<b>Colour Range</b>	Dark Brown and Beige.
<b>Composition (nominal)</b>	<b>Pigment:</b> Anti-corrosive pigments. <b>Binder:</b> Modified alkyd. <b>Solvent:</b> Aliphatic and aromatic solvents.
<b>Volume Solids</b>	60%.
<b>Thinning</b>	If necessary, <b>Hammerite</b> Brush Cleaner and Thinners.
<b>Application Method</b>	Brush. <b>Ideal Conditions:</b> 8 - 25 degC. (46 – 77 degF). <b>Max Relative Humidity:</b> 85%.
<b>Film Thickness</b>	<i>Film thickness will be dependent on the coverage achieved.</i> <b>Wet:</b> 80 microns (0.0032"). <b>Dry:</b> 50 microns (0.0020"). <b>Note.</b> Two coats may be required to achieve this depending on the substrate and method of application.
<b>Drying Times</b>	<i>Under good drying conditions:</i> <b>Touch Dry:</b> 1 Hour. <b>Tack Free:</b> 3 Hours. <b>Recoat:</b> 4 Hours. (Recoat with itself / other alkyds).
<b>Practical Coverage</b>	<b>Brush:</b> 12sq. metres / litre / coat.
<b>Cleaning Up</b>	After use, clean equipment with <b>Hammerite</b> Brush Cleaner and Thinners. <b>Note:</b> DO NOT use cellulose thinners.

### SURFACE PREPARATION

#### GENERAL

Ensure surface is dry and free from loose rust millscale, paint, oil and grease. Degrease bare metal with **Hammerite** Brush Cleaner and Thinners.

Recommended minimum preparation standard: St2 (SIS 05 59 00) via wire brushing in 2 directions.

#### BRUSH

Stir well before use. Apply 1 or 2 coats, allowing minimum 4 hours between coats. Ensure corners and edges are well covered. Apply topcoat after minimum 4 hours.

#### ROLLER (FOR LARGE FLAT SURFACES)

Thin if necessary with **Hammerite** Brush Cleaners and Thinners up to maximum 9 parts paint to 1 part thinners. Do not use cellulose thinners.

Apply 2 coats, using short pile mohair roller. Brush in edges and corners first, before quickly covering remaining area with roller. Other types of roller may be unsuitable – check for compatibility.  
Apply topcoat after a minimum of 4 hours. For best results, 24 hours should be allowed before application of topcoat.

## SYSTEM INFORMATION

### STORAGE

Store in a dry, well ventilated area.  
Protect from frost, extremes of temperature and strong sunlight.

### SHELF LIFE

Tins: Minimum 3 years at 21 deg C. (70 deg F) stored in original, unopened containers.  
Pressurised Container: Protect from strong sunlight. Do Not expose to temperatures exceeding 50 degC (122 degF). Do not pierce or burn after use.

### LIMITATIONS

NOT suitable for: Contact with potable water / foodstuffs.  
Permanent immersion  
Use on non ferrous metals.

### PERFORMANCE

Corrosion resistance: Passes over 1000 hours ASTM B 117 1973 at recommended dry film thickness.  
Temperature resistance range: *Intermittent Use:* Minus 30 degC (minus 22 degF) upto 150 degC (302 degF) maximum  
*Continuous Use:* Recommended maximum 80 degC (176 degF).

### COMPATIBILITY

Most topcoats including Hammerite Metal Finishes (See Technical Datasheet **T11144**) plus alkyds, urethanes, nitrocellulose, acrylics and water based (eg vinyl acrylic and styrene acrylic).

## SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

### RUST STABILISING PRIMER

#### FLAMMABLE

Repeated exposure may cause skin dryness or cracking. Contains Ethyl Methyl Ketoxime. May produce an allergic reaction.  
Vapours may cause drowsiness and dizziness. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep away from sources of ignition. No smoking.

Contains white spirit. Use only in well ventilated areas. Inside always keep doors and windows fully open during application and drying. When applying by brush or roller to large interior surfaces or in confined spaces, wear a suitable cartridge respirator or air fed respiratory protective equipment. Refer to your COSHH Assessment.

Avoid contact with skin and eyes. When applying it is advisable to wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water or a proprietary skin cleanser. Do not use solvent, thinners or white spirit.

Keep out of the reach of children. Do not use or store by hanging on a hook. Do not empty into drains or watercourses. Some local authorities have special facilities for disposing of waste paint.

Avoid release to the environment. Before use refer to safety data sheet.  
Avoid the inhalation of dust. Wear a suitable face mask if dry sanding.

This product contains no added lead. However, the wood and metal surfaces of the building, especially if it is pre-1960, may have been decorated in the past with a paint made with lead pigments. Preparation and removal of such paint can be hazardous. For a free leaflet explaining how the surface should be prepared safely contact:

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See [www.hammerite.co.uk](http://www.hammerite.co.uk)

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