



# HAMMERITE SPECIAL METALS PRIMER

## HMT2

### PRODUCT INFORMATION

<b>Typical Use</b>	Water-based primer to promote adhesion on all non-ferrous metals. Priming of galvanised and stainless steel, aluminium, chrome, brass and copper. Improves adhesion of selected topcoat on all non-ferrous metals. Before preparing any surface for painting, read the Safety, Health and Environmental information on page 2 about old lead-based paints.
<b>Typical Applications</b>	Street furniture, machinery. Garage doors and galvanised railings.
<b>Pack Size</b>	<b>Tins:</b> 250ml, 500ml, 2.5 ltrs and 5 ltrs.
<b>Colour Range</b>	Red or light grey.
<b>Composition (nominal)</b>	<b>Pigment:</b> Inorganic pigments. <b>Binder:</b> Synthetic resins in an aqueous emulsion. <b>Solvent:</b> Water.
<b>Volume Solids</b>	50%
<b>Thinning</b>	No thinning required.
<b>Application Method</b>	Brush or conventional spray. <b>Ideal Conditions:</b> 8 - 30 degC. (46 – 86 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> 60 microns (0.0024"). <b>Dry:</b> 30 microns (0.0012").
<b>Drying Times</b>	<i>Under good drying conditions:</i> <b>Touch Dry:</b> 30 – 60 Minutes. <b>Recoat:</b> 2 Hours.
<b>Practical Coverage</b>	<b>Brush:</b> 16sq. metres / litre.
<b>Cleaning Up</b>	After use, clean equipment with water.

### SURFACE PREPARATION

#### GENERAL

Ensure surface is dry and free from dirt, grease, oil and salt. For degreasing, use a detergent solution or **Hammerite** Brush Cleaner and Thinners. Rinse thoroughly with clean water and allow to dry. Remove any loose paint or rust with a wire brush or emery paper. Patch prime any rusty areas with **Hammerite** No. 1 Rustbeater. Prime bare areas of non-ferrous metal with **Hammerite** Special Metals Primer.

#### BRUSH

Stir well before use. Apply one coat leaving 2 hours before a topcoat is applied.

#### CONVENTIONAL SPRAY

No initial thinning required. Recommended pressure: 25-35psi (approximately 2 bar). Apply only one coat.

### SYSTEM INFORMATION

#### STORAGE

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

#### SHELF LIFE

Minimum 2 years at 21 degC. (70 degF) stored in original, unopened containers.

#### LIMITATIONS

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NOT suitable for: Use on equipment operating at or above 80 degC (176 degF).  
Contact with potable water / foodstuffs.  
Permanent immersion.

## PERFORMANCE

Adhesion: Passes 1 BS 3900 E6: 7 days at recommended dry film thickness.  
Temperature resistance range: *Intermittent Use:* Minus 30 degC (minus 22 degF) up to 150 degC (302 degF) maximum.  
*Continuous Use:* Recommended maximum 80 degC (176 degF).

## COMPATIBILITY

Most solvent based topcoats including **Hammerite** Metal Finishes (See Technical Datasheet **T11144**) plus chlorinated and acrylated rubber, epoxies, urethanes, vinyls (solvent based), nitro-cellulose, acrylics and modified acrylics (solvent-based))

## SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

### WATER-BASED PRIMER

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.

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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[www.hammerite.com](http://www.hammerite.com)

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