



**HAMMERITE**  
**PRODUCTS LIMITED**

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## **1. PRODUCT:**

Product Name:  
Hammerite Special Metals Primer

## **2. DESCRIPTION:**

Hammerite Special Metals Primer is a waterbased, specially formulated primer for galvanised steel, aluminium, chrome, brass, copper and stainless steel. It can be used both inside and out and provides a smooth even finish. Unlike etching systems this paint promotes adhesion by the film it leaves behind.

## **3. USE:**

The product is designed to improve the adhesion of the chosen topcoat when coating non-ferrous metals.

## **4. APPEARANCE:**

Liquid.

## **5. COLOUR RANGE:**

Red only.

## **6. SURFACE PREPARATION:**

- Ensure all surfaces are clean, dry and free from dirt, grease, salt and oil.
- For degreasing, use a detergent solution or white spirit. Rinse down thoroughly with clean water and allow to dry.
- Loose paint and rust should be removed with a wire brush or emery paper. Any areas that are red rusty should be treated with Hammerite Kurust. Bare areas of non-ferrous metal should be patch primed with Hammerite Special Metals Primer.

## **7. RECOMMENDED FILM THICKNESS:**

N/A

## **8. COVERING CAPACITY:**

16 square metres per litre.

## **9. APPLICATION:**

Ideal application temperature 8-25°C (46-77°F).  
Maximum relative humidity 85%.

## **10. APPLICATION METHODS:**

### **Brush:**

- Stir thoroughly before use.
- Apply one coat.

**Spray - (Conventional):**

- No thinning required.
- Set air line to 25-35 psi (approximately 2 bar).
- Apply one coat.

**11. DRYING TIME:**

30-60 minutes dependent upon temperature. Can be overpainted after 2 hours depending on conditions.

**12. CLEANING EQUIPMENT:**

Use water to clean brushes or equipment.

**13. SHELF LIFE AND STORAGE CONDITIONS**

Minimum 2 years at 20°C (70°F) stored in original, unopened containers. Hammerite Special Metals Primer should be stored in a dry, well ventilated area. Protect from extremes of temperature, ie frost and strong sunlight. (Freeze thaw testing on this product, cycles at minus 20°C (minus 4°F), indicates product is temperature stable).

**14. ADHESION:**

Excellent on non-ferrous metals.

**15. TEMPERATURE RESISTANCE:**

Limits: minus 20°C (minus 4°F) to 150°C (300°F) maximum intermittent when fully cured. For continuous use we recommend 80°C (180°F) when fully cured.

**16. SERVICE LIMITATIONS**

- Not suitable for use on equipment that operates at 150°C (300°F) or above.
- Not suitable for use in contact with drinking water or foodstuffs.
- Not suitable for permanent immersion.

**Please Note:**

Information and advice supplied by Hammerite Products Limited regarding application of the company's products is to the best of their knowledge correct and given in good faith. In view of the variations in conditions of use and equipment, no warranty is given or implied regarding the results obtained. Users should satisfy themselves of the suitability of the product for their purpose and for use on their own equipment. No statements should be taken as a recommendation to infringe any patent.

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**For further information contact the Product Advice Department.**

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