



METAL FINISH - INSTRUCTIONS FOR USE

SURFACE PREPARATION

Special precautions should be taken to avoid inhalation of dust during surface preparation of pre-1960's paint surfaces over wood and metal as they may contain harmful lead.

*Hammerite Hammered, Smooth and Satin Metal Finishes can be applied directly onto rust as long as surfaces are first rubbed down with coarse abrasive paper.

FOR ALL METAL SURFACES:

- Minimum standard for adequate performance – St 2 (Swedish Standard SIS 05 59 00). This should be achieved by abrasion with coarse emery paper or needle gun/grinder, where applicable.
- All surfaces must be dry and free from dirt, dust, grease and salt.

BARE METAL SURFACES:

- Degrease with Hammerite Metal Degreaser.

PAINTED METAL SURFACES:

- Wash down thoroughly with Hammerite Metal Degreaser.
- Rinse with clean water.
- Allow to dry.

SHINY, SMOOTH METAL SURFACES:

- Extra abrasion is required to ensure maximum adhesion.
- Degrease with Hammerite Metal Degreaser.

*UNPAINTED GALVANISED METAL:

- Hammerite's lifetime can be prolonged by the use of Hammerite Special Metals Primer.

*ALUMINIUM/NON FERROUS METAL SURFACES:

- To ensure maximum adhesion on aluminium and non ferrous metal surfaces, use Hammerite Special Metals Primer.

OTHER SURFACES:

PLASTICS:

- Hammerite Metal Finishes may be used on certain types of plastic such as drainpipes and guttering.

WOOD:

- Bare wood – apply a water-based acrylic wood primer before applying Hammerite Metal Finish.
- Painted wood – Wash down thoroughly with diluted detergent. Rinse with clean water. Allow to dry.

APPLICATION

Painting must be planned so that each coat of Hammerite Metal Finish is applied within three hours of the previous coat. After this period curing begins and Hammerite Metal Finish cannot be re-coated for six weeks. If re-coated within this period wrinkling may occur.

Minimum application temperature: 10°C (50°F)

Ideal application temperature: 15-21°C (60-70°F)

Maximum relative humidity: 85%

APPLICATION METHODS

BRUSH – SUITABLE FOR SMALL FLAT AREAS AND INTRICATE WROUGHT IRONWORK.

- Use as large a brush as possible and cover the area quickly.
- Stir thoroughly before and during use to mix the ingredients. Shaking the tin is not sufficient.
- Thick coverage is essential, however, Hammerite Metal Finishes will sag if over-applied.
- Several thin coats are recommended, particularly on intricate vertical surfaces.
- Ensure edges and corners are adequately covered.

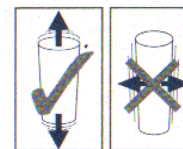
COVERAGE	TOUCH DRY	SECOND COAT	TOOLS	CLEANING
Approx. 4.5 sq.m/litre	30 minutes	1-3 hours	Paint Brush	Hammerite Brush Cleaner & Thinners

For maximum protection:

- Apply to 100 microns dry film thickness. (Equivalent to 4 coats of conventional paint).

AEROSOL – SUITABLE FOR TOUCH UP/SMALL APPLICATIONS.

- Store aerosol at room temperature for two hours prior to use.
- Shake can vigorously for a full three minutes AFTER the agitator ball is heard. Use a vertical rather than a horizontal motion.
- Apply light even coats from a distance of approximately 15 cms (6"). To avoid runs and sags keep the aerosol moving. Do not concentrate the spray in any one spot.
- Several thin coats are recommended, particularly on intricate and vertical surfaces. Allow approximately 15 minutes between coats.
- To avoid blockages, invert can and spray for two seconds between coats and after final use.



COVERAGE	TOUCH DRY	EXTRA COATS	CLEANING
Approx. 1sq.m/400ml	15 minutes	15 minutes	Hammerite Brush Cleaner & Thinners

For maximum protection:

- 3-4 coats should be applied equivalent to 100 microns dry film thickness.

ROLLER – SUITABLE FOR LARGER FLAT AREAS.

- Refer to Hammerite Brush Cleaner and Thinners Product Information Sheet for details.

SPRAY – SUITABLE FOR LARGE FLAT AND UNEVEN SURFACES.

- Refer to Hammerite Brush Cleaner and Thinners Product Information Sheet for details.

DRYING TIME

Touch/Surface Dry:	15-30 minutes
Tack Free:	30-60 minutes
Intercoat Period:	When touch dry but within 3 hours

CLEANING EQUIPMENT

Use only Hammerite Brush Cleaner and Thinners. Cellulose thinners and white spirit are not suitable.

For Safe Disposal:

Remove as much paint as possible from brushes and equipment before washing. Some local authorities have special facilities for disposing of waste paint. Do not empty into drains and water courses.

SHELF LIFE AND STORAGE CONDITIONS

TINS:

Minimum two years at 20°C (70°F) stored in original unopened containers. Hammerite Metal Finishes should be stored in a dry, well ventilated area. Protect from extremes of temperature, i.e. frost and strong sunlight.

AEROSOLS:

Minimum two years at 20°C (70°F) in original unopened containers. Pressurised container – protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Do not pierce or burn even after use.



BS EN ISO 9002:1994
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