

Metal Armour

DECORATIVE METAL PAINT

Key Benefits Summary

- Economical and easy to apply
- No primer required for most surfaces

PRODUCT INFORMATION

DESCRIPTION

Metal Armour is a decorative paint for metal with inbuilt rust inhibition, primer, under coat and topcoat in the one product. Metal Armour is an alkyd paint, which means that it will penetrate and bind more effectively than any Epoxy based paint to all metal surfaces. For most applications primer is not required if Metal Armour is used.

DRY TIME

Brush: 3-5 hours at room temperature. Can be recoated after first coat has dried overnight (16 hours minimum). Dry and recoat time may vary depending on temperature and humidity conditions.

Aerosols: 30-60 minutes at room temperature. If recoating is desired, apply within one hour or after 72 hours. Dry and recoating time vary with temperature and humidity conditions.

One coat is sufficient for most interior applications, two coats recommended for exterior applications. Metal Armour can be painted over with any varsol, mineral spirits, thinned enamel or house paint. If lacquers or paints, containing strong solvents are to be used, ensure compatibility by applying it onto a non conspicuous area.

PACK SIZE

Available in Aerosols, 500ml, 1 Litre, 4 Litre

TECHNICAL INFORMATION

PERFORMANCE (Typical Properties)

- Vehicle:
Alkyd
- Solvent:
Varsol
- Flash Point:
>41°C
- % Solids by Vol:
45%
- % Solids by Weight:
60%
- Recommended Dry Film:
1.5 - 2.5 mils dry per coat
- Coverage:
8 - 12m²/litre
- Recommended Application Temperature
Minimum 5°C - Maximum 28°C

NOTE: Typical Properties should not be used as Specifications.

USAGE GUIDELINES

APPLICATION DATA

To ensure adhesion, all surfaces must be clean, dry and free from oil and grease. Loose flaky rust or paint should be removed with a wire brush or sandpaper. Rubbing the surface with cloth or paper towels should be avoided to prevent fibres from being imbedded in the surface. Smooth, oily or previously painted surfaces should be washed with Sugar Soap (Tri-Sodium Phosphate), rinsed with water and dried prior to painting. High Gloss surfaces provide poor adhesion to topcoat; this can be improved with a light sanding prior to painting. Stir paint thoroughly before and occasionally during use to ensure all pigments are homogeneous. If thinning is required, use Mineral Spirits. In salt spray affected areas, surfaces must be washed thoroughly to remove salt. Wire brushing alone is not effective for removing surface salts.

Brush

No thinning required in most applications

Roller

No thinning required in most applications

Spray (Airless)

No thinning required. Fluid orifice 0.115-0.018 in Fluid pressure 1600-2000 psi

Conventional

Redure with varsol 10%. Fluid orifice 0.015-0.018 in Fluid pressure 40-50 psi

Aerosol

Shake well before and during use. To avoid sag and runs, apply in light multiple coats to achieve adequate coverage. Position spray nozzle at about 6-8 inches from surface to minimise overspray.

NO PRIMER NEEDED EXCEPT FOR:

Iron and Steel: After sandblasting, use Metal Armour Red Oxide Primer to ensure that the uneven surface is adequately coated prior to the application of one of the Metal Armour colours.

Galvanised Metal: For all galvanised metal surfaces, Metal Armour Galvanised Primer must be used. To prepare a galvanised metal surface prior to the application of the primer, remove all oxidation (Zinc Oxide) by washing surface with a solution of T.S.P (Tri-Sodium Phosphate). Rinse with water and allow to dry thoroughly before the application of Metal Armour Galvanised Primer. Allow primer to dry a minimum of 24 hours, not more than 14 days, before applying Metal Armour paint.

Metal Armour is not recommended for substrate that will be exposed to continuous water immersion. Do not refinish articles with bake enamel finishes, however, one can do small touch ups on rusted areas by removing all loose rust and lightly sanding the enamel to achieve better adhesion.

Salt affected areas: Red Oxide Primer will improve performance in very aggressive environments.

Aluminium: Ensure all traces of oxide (aluminium oxide) is removed from the surface to be painted by steel wooling or sanding, ensure surface is dust free prior to application of Metal Armour.

Pre-painted Aluminium: Ensure all chalking effects are removed from the surface by washing thoroughly with Sugar Soap



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(Tri-Sodium Phosphate), rinse with water, let dry and apply Metal Armour directly over existing enamel.

CLEANING

Thoroughly clean brushes and rollers in mineral turps and rinse under water. Clean spray equipment with mineral turps.

Store in sealed containers under cover at normal temperatures for 12 months.

HEALTH & SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.

Keep away from open flame or sparks. Metal Armour does not contain lead. Non toxic when dry.

Aerosol: Contents under pressure, do not place in hot water or near radiators, stoves or other sources of heat. Keep away from open flame or sparks. Do not puncture or incinerate container, or store at temperatures over 50°C. Use only under well ventilated conditions.

First Aid Treatment: Contains petroleum distillate. If swallowed, call physician or poison control centre immediately (refer to the Material Safety Data Sheet for further information).

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.