



# Equus Metalgloss

## Purpose & Areas of Use:

An easy to use metal protection coating, for use on metallic substrates such as steel, galvanised steel and aluminium. The system allows application of two coats in a day under normal circumstances.

## Product:

A 100% acrylic coating containing light fast pigments and fillers.

## Process Compatibility:

All new steel surfaces should be primed with **Protexx Zincure**. New galvanised steel, aluminium, and previously painted surfaces can have **Equus Metalgloss** applied directly to those surfaces, provided that they have been washed thoroughly and degreased where appropriate, and hence are free of dirt and any form of contamination. For surfaces painted with other than air drying enamel or water based paint, contact the nearest Equus Sales Office.

## Colour:

A full range of colours is available. A colour matching service is available at no extra cost except for some bright or strong colours.

## Standard Pack:

4 Litre and 15 Litre plastic pails.

## Physical Properties:

### Liquid Material:

Solids (%by Volume)	34.5
Solids (%by Weight)	47
Specific Gravity:	1.17
Flash Point:	None -waterborne material.

### Applied Film:

Flexibility:	Passes 6mm mandrel at 75 microns DFT
Durability:	Excellent resistance to sunlight and weathering.
Fungus Resistance:	<b>Equus Metalgloss</b> contains a highly effective anti-fungal preparation which does not contain toxic metals or phenols.
Chemical Resistance:	Good against hydrocarbon and chemical solvents, and alcohols. Excellent against dilute hydrochloric and sulphuric acids.

## Surface Preparation:

If surface has been previously painted with air drying enamel or water based paint it must be thoroughly washed to remove all dirt and other forms of contamination. Light sanding may be required on heavily chalked surfaces.

Unpainted metal surfaces must be dry, free of dirt and contamination, and be degreased.

New steel surfaces must be primed with **Protexx Zincure** prior to **Metalgloss** application.

## Application Method:

Use Brush, Roller, or Spray direct from the container. If required for ease of application, thin with up to 10% by volume of clean water but ensure that this does not spread the **Metalgloss** too thinly. Spreading rates must be maintained.

## Application Properties:

### Spreading Rate

9.5sqm/litre at 37.5 microns DFT.

### Recommended film thickness

75 microns minimum

### Dry Time

Dry to recoat 4-6 hours

## Thinning/Clean Up:

Use clean water.

## Maintenance:

Cleaning on a regular basis is recommended and may be carried out using a weak (0.1%) neutral detergents solution and wiping down. Note, that if surface damage occurs at any time, the affected area may be recoated with **Equus Metalgloss** after thorough cleaning of the surface, and in the case of steel, checking that any underlying anti-corrosive primer has not been damaged.

## Health and Safety:

**Equus Metalgloss** is a waterborne material, and contains no mammalian toxic substances. It is non-flammable and requires no special storage conditions other than protection from frost. However we recommend the use of barrier cream on hands and safety spectacles when handling/applying this material, and the use of a cartridge mask when spraying in confined areas with poor ventilation.

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