

# Chevaline Metalite

## Purpose & Areas Of Use:

A metallic feature finish for interior and exterior use on a variety of surfaces over appropriate primer/bodycoat system. Can be overglazed with **Chevaline Clearglaze** or **Chevaline Clearcure** where easy cleaning properties or graffiti resistance are desirable.

## Product:

Waterborne modified acrylic coating incorporating non-tarnishing metal-effect pigment systems for long-term film integrity and high adhesion. Particularly formulated to maintain metallic appearance without tarnishing over the full life of the coating.

## Process Compatibility:

**Chevaline Metalite** is a feature finish and is compatible with many textures and surfaces. It can be used in conjunction with the following **Chevaline** textures and bodycoats:

<b>Covertexx</b>	<b>Arcutexx</b>	<b>Clearglaze</b>	<b>Clearcure</b>
<b>Extracover</b>	<b>Covercryn</b>	<b>Coverall</b>	<b>Colourglaze</b>

## Colour:

Normally supplied in Bronze or Light Gold. However, the material itself can be tinted to special order and when applied over coloured bodycoats takes on the hue of the bodycoats.

## Standard Pack:

2, 4 and 10 litre plastic pails.

## Physical Properties:

### Liquid Material:

Solids (% by volume):	30%
Specific gravity:	1.06
Flash point:	None - waterborne material
Shelf life:	3 years in original sealed pails when stored in cool dry conditions.

### Applied Film:

Flexibility:	Passes 3 mm mandrel
Durability:	Excellent long-term service can be expected. Metallic effect will not dull or tarnish as a result of exposure to atmosphere, UV or weathering.

Chemical resistance: Good resistance against general atmospheric pollutants, domestic cleansers and normal household pollutants and products. Limited resistance to solvents and oils. Chemical/graffiti resistance may be considerably enhanced by a final coat of **Clearcure**.

Fungus resistance: **Metalite** contains a highly effective anti-fungal preparation which does not contain toxic metals or phenols.

Film Thickness: 23-25 microns per coat.

## Surface Preparation:

**Metalite** is applied as a metallic feature finish over a variety of surfaces, textures and colours to provide particular aesthetic effects. Any surface to which **Metalite** is to be applied should be clean, dry and free of dust prior to coating. Background colour should be even as although **Metalite** has some hiding power, blemishes and discontinuities may show through coating as colour blemishes.

## Application Method:

Apply undiluted **Metalite** by roller or spray as an even full coat or two thin coats to achieve the desired film build. Brush application is not recommended as brush marks show as a colour variation.

## Application Properties:

Spreading rate: Will vary depending on surface profile. Application result in a metallic appearance. 12 sqm/litre would be a normal rate on lightly profiled surfaces.

Dry time: Touch dry 1-2 hours. Through dry 4-8 hours.

Recoat time: Water-based glaze	4 hours
Solvent-based glaze	24 hours

These times relate to normal conditions of 18-23°C and 60-70% RH. Cooler and damper conditions will prolong dry times. Do not apply **Metalite** in air temperatures less than 8°C or when surface temperature is less than 5°C.

## Maintenance:

Regular cleaning of people contact areas should be carried out by using a weak neutral detergent solution and wiping clean. Note that if damage occurs to the surface from extraneous causes, re-topcoating may be carried out at any time by roller application of a further thin coat of **Chevaline Metalite**. Surface can be additionally protected and enhanced by application of coat of **Chevaline Clearglaze** or **Clearcure** for graffiti resistance.

## Short-form Specification:

To (nominate areas) apply a minimum three coat metallic feature finish of **Chevaline Metalite** over (nominate bodycoat) all in accordance with the manufacturer's instructions to match a precisely approved sample.

**Optional:** To (nominate areas) apply one (1) coat of **Chevaline Clearglaze** as an easy clean overglaze.

**Optional:** To (nominate areas) apply one (1) coat of **Chevaline Clearcure** as a graffiti-resistant overglaze.



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**Health And Safety:**

**Chevaline Metalite** 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 that safety spectacles are worn when handling/applying this material and use of a cartridge mask when spraying in confined spaces with poor ventilation.

Equus Safety Class 1  
Shipping restrictions - none.

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