



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:

| | | | |
|-------------------|-------------------|------------------|--------------------|
| Flattexx | Troweltexx | Covertexx | Arcutexx |
| Extracover | Covercyl | Coverall | Colourglaze |
| Clearglaze | Clearcure | | |

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.

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.

Equus Industries Ltd
PO Box 601
Blenheim
Phone: 03 578 0214 Fax 03 578 0919
Email: admin@equus.co.nz
Web: www.equus.co.nz