

## Metallic Paint Technical data Sheet

### 1. Manufactured by:

Bastion Paint cc

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### 2. Product Name: Metallic Paint

### 3. Individual Products:

**Bright Gold Amber Gold Rose Gold Copper Bronze Brass Champagne  
Silver Effect Deep Silver Silver Sparkle Malachite Olive Azure Rufous**

### 4. What these products are used for:

For feature walls, roof domes, arts & crafts, entire rooms, exterior house highlights, plant pots, movie sets and general décor.

For Interior and Exterior applications.

### 5. Appearance:

High sheen/semi-gloss metallic finish. Apart from the high sheen and metallic colour the metallic effect is enhanced by the shimmer of actual metallic and pearlescent pigments.

### 6. Preparation and Priming

Prepare and prime as for any normal water based (acrylic/PVA) wall paint. If you have any doubts on how to prepare or prime a specific surface please ask us or your local hardware store.

These paints are adhesion promoted and made with a low PVC but as they are a little costly it is well worth preparing and priming correctly.

#### Common surface types - priming guidelines:

**Plaster:** Allow plaster to dry for 3 weeks. Apply one coat Plaster Primer. Apply 2 coats Metallic Paint.

**Interior Wood:** Metallic Paint can be applied directly to the wood (but note the wood may absorb the paint making it dry quickly and difficult to get a perfect finish).

**Exterior Wood:** Pink Wood Primer followed by Universal Undercoat. Apply 2 coats Metallic Paint.

**Galvanised Iron:** Clean with Galvanised Iron Cleaner then apply water based Galvanised Iron primer. Apply 2 coats Metallic Paint.

**Mild Steel:** Apply rust preventing water-based primer. Apply 2 coats Metallic Paint. If a solvent based metal primer is used then apply a coat of Universal Undercoat over it followed by 2 coats Metallic Paint.

### 7. Durability:

Life expectancy before any noticeable colour fading may occur:

Interior: 12 years

Exterior: 4 years in sunny areas

The dry paint film is highly rain resistant. The pure acrylic binder is highly UV resistant.

The dry paint film is fairly hard making the paint suitable for areas such as skirting boards. Hard paints are generally less flexible (softer paints are more flexible) so avoid surfaces that are likely to bend or crack significantly.

The dry paint film is dirt and stain resistant and thus easy to clean. Many forms of dirt just wipe off with a damp cloth.

In demanding environments such as floors and hand rails we recommend the application of our Clear Top Coat over the paints. This will protect the paint and make it even easier to clean.

## **8. Application:**

Only apply Metallic Paint once the primer or undercoat has dried for the time it requires.

Allow 2-4 hours between coats of Metallic Paint

Allow 6 hours before rain

Allow 10 days before washing or scrubbing

Application can be by brush or roller, airless spray or even by air spray equipment. We suggest that you read our document "Tips for Painting with Metallic Paints" especially if you want to spray the paints.

Despite having high viscosity in the container (the paint feels thick) the viscosity breaks down (the paint becomes thin) rapidly on stirring or on application of shear. This reduces brush and roller marks and makes the paint spray compatible. 15% dilution with water is recommended for spray applications:

HPLV Spray (5 bar): a nozzle size of 1.8mm works well.

HVLP Spray (0.1-0.2 bar): a nozzle size of 2.5mm can work but performance in this spray equipment is not guaranteed.

Always maintain a wet edge when painting.

To assist with this do not paint in direct sunlight or onto hot surfaces. Prime porous surfaces before painting with Metallic Paint.

Paint in an environment between 6-30°C

## **Silver Effect and Silver Sparkle**

While our other Metallic Paints can be applied over any colour there are special requirements for application of Silver Effect and Silver Sparkle:

**Silver Effect Paint** must be applied over Grey. Paint the surface a medium grey colour with acrylic/PVA paint and apply Silver Effect over it to get a bright shining silver finish.

**Silver Sparkle Paint** should only be applied over metallic silver. It works perfectly over Silver Effect and Deep Silver to give a sparking finish.

## **9. Spread Rate**

1 Litre paints approximately 8m<sup>2</sup>.

The spread rate may be higher on smooth surfaces and lower on textured surfaces.

## **10. Safety and Environmental:**

**Please see the product MSDS**

The liquid paints are non-flammable as they are water based.

Water based paints such as these are far more environmentally and health friendly than solvent/oil based paints.

They contain a small amount of solvent but far less than conventional alkyd / solvent paints meaning that their odour is a lot lower. They don't contain lead, nonylphenyl ethoxylate, ethylene glycol or white spirits that commonly make water based paints less environmentally friendly.

Paint only in well ventilated areas. Do not ingest paint and avoid excess skin contact. Avoid all eye contact.

**Revised: 4 March 2017**