Bridge Paint

Micaceous Iron Oxide Finish

Location = Interior/Exterior

Suitable Surfaces

Refer to specific treatment for the appropriate substrate

1 = Masonry, cement render, bagged masonry, clay or concrete bricks or blocks, concrete.

2 = Internal and external timber

3 = Steel

4 = Galvanised metal, stainless steel and zincalume

5 = water-based paints

6 = paper faced plasterboard and plaster

7 = Oil based paint

Substrate Preparation and Priming

All surfaces must be inspected to ensure they are properly adhering, free of oils, grease, loose particles, dirt, mould, algae, moss, or other foreign matter. All loose and flaking material should be thoroughly scraped and sanded. Gloss areas should be sanded or etched to provide good key. Nail holes, gap sealing and other filling should be completed before applying base coats or Bridge Paint. Surfaces should be dry.

1. **Masonry, cement render, bagged masonry, clay or concrete bricks or blocks, concrete.**

Metal setting angles should not be used with external rendering as corrosion of these can cause staining and damage to the paint film. Cement render, mortar and concrete should be allowed adequate time to cure before the application of paint (generally more than 3 weeks).

Apply one coat of Murobond Primer coloured Grey directly from the tin to dry clean surface by brush, roller or spray. Apply in a thick even coat ensuring complete coverage at a rate of approximately 8 – 10 m^2 per litre. Allow 12 hours drying prior to the application of Bridge Paint. Thinning with up to 10% water in hot or windy conditions is acceptable, otherwise, we recommend that you do not thin.

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2. Internal and external timber

Tannin rich timbers such as western red cedar and most hardwoods require priming with an oil-based primer to prevent tannin staining. This must be completed more than 24 hours prior to the application of Bridge Paint.

3. Steel

A. All surfaces

i. Remove all loose rust and scale, weld spatter, and flux.

ii. Remove all grease and oil contaminants by scrubbing with detergent and water (or specialised degreasing cleaners such as Tricleanium). Rinse thoroughly and allow to dry.

iii. Follow the instructions below without delay;

B. Surfaces subject to Mild Weathering Conditions

i. As soon as the surface is dry, apply 2 coats of a good quality solvent based anti-corrosive primer. Follow the manufacturer's instructions closely regarding surface preparation, application and drying before topcoating.

ii. Apply 2 coats of Bridge Paint.

C. Surfaces subject to Severe Weather Conditions eg seaside or high pollution locations

i. As soon as the surface is dry, apply 2 coats of a high quality 2 pack epoxy anti-corrosive primer. Follow the manufacturer's instructions closely regarding surface preparation, application and drying before topcoating.

ii. Apply two coats of Bridge Paint.

4. Galvanised surfaces

Galvanised Sheet

Remove all grease and oil contaminants by scrubbing with detergent and water (or specialised degreasing cleaners such as Tricleanium). Rinse thoroughly and allow to dry. Apply two coats of Bridge Paint.

Hot Dipped Galvanised Steel

A. All surfaces

i. If white corrosion is visible wet sand with fine wet and dry paper, while taking care to not remove the zinc layer.

ii. Remove all grease and oil contaminants by scrubbing with detergent or tricleanium. Rinse thoroughly and allow to dry.

iii. Follow instructions B) or C) below.

B. Surfaces subject to Mild Weathering Conditions

i. Apply a good quality waterbased galvanised iron primer according to the manufacturer's instructions.

ii. Apply two coats of Bridge Paint.

C. Surfaces subject to Severe Weather Conditions

i. [Optional: Apply a cold phosphating pretreatment and follow manufacturer's instructions closely. Rinse thoroughly and dry completely.]

ii. Apply quality epoxy primer in 2 coats. Note: the primer must be one suitable for galvanised steel. Follow the manufacturer's instructions.

iii. Apply two coats of Bridge Paint.

5. Water-based paints

Remove any loose or chalky material. Spot prime any bare areas with one coat of Murobond Primer before applying Bridge Paint directly.

6. Paper faced plasterboard and plaster.

After sanding, surfaces should be thoroughly dusted to remove any loose material. Apply one coat of Murobond Primer coloured Grey directly from the tin by brush, roller or spray. Allow 12 hours drying before applying Bridge Paint.

7. Oil-based paint

Glossy surfaces should be thoroughly sanded or etched to provide good key, and any damaged areas spot primed with one coat of Murobond Primer. Allow primed areas to dry 24 hours before applying Bridge Paint.

Applying Bridge Paint

Following the preparation of substrates (as previously outlined) Bridge Paint is applied as follows:
Apply two coats of Bridge Paint directly from the tin to dry prepared surface. Application by brush or spray. Bridge Paint is a fast drying product so care should be taken to maintain a wet edge and avoid reworking drying surface. Allow overnight drying between coats. Coverage is approximately 10 m2 per litre per coat. Clean up with water. Thinning should be avoided, particularly externally.

General Precautions

Paint Application
Expansion/ control joints should be sealed before painting and should be finished with a compound that will accept ordinary water-based paints. Primer or Bridge Paint can then be applied over these joints.
Spray application: refer Murobond technical phone 1800 199 299

Colour & Tinting
IIt is the responsibility of the contractor to ensure colour consistency. It is recommended that sufficient material to complete the project be ordered to prevent possible colour variation.

Temperature
Bridge Paint and Murobond Primer should not be applied where surface or air temperature is below 10c or above 30c. Excessively fast drying can occur if painting hot surfaces or in direct sunlight.

Initial Protection
Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application. Protection against mechanical abrasion should be provided for at least 7 days after application.

Packaging
1, 4, 10, litre. Colour range: see colour card. From 1/6/09 Verdigres is no longer available.

Warranty

Murobond Coatings Pty Ltd (Murobond) Guarantees Bridge Paint.
Date of Issue 1.2.2006
Purchasers of Bridge Paint are advised that application of the products must be carried out strictly in accordance with the technical specifications and instructions issued by Murobond.
Subject to usage in accordance with the above specifications, Murobond agrees that in the event of any defect in respect to usage and application of the products, Murobond will replace the products free of charge. The within warranty is effective for a period of seven years following the date of sale of the products.
The within warranty does not extend to consequential damage whether arising from product fault or faulty application, costs associated with contractors or labour costs.
This warranty is also conditional upon prompt notification to Murobond of any claim involving defective products and full co-operation being given to Murobond and its agents and representatives in allowing access to the products as applied for the purposes of examination and analysis.

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protection for improved serviceability

Overcoating of Murobond Bridge Paint is not recommended on external surfaces.

Internally, Murobond offers three options for improving mark resistance and washability of Bridge Paint depending on exposure to marking and desired aesthetic:

1] Clear Acrylic Sealer. This matt sealer will only slightly change the appearance of the Bridge Paint and, while improving mark resistance, makes the least difference of the three options. 1 coat is typically applied.

2] Aqua Glaze Clear. Aqua Glaze Clear provides a gloss finish (approx 85% sheen) and noticeably improved mark resistance. Applied as one coat (or two coats in high traffic applications), Aqua Glaze Clear creates a ‘wet look’ and enhances the sparkle evident in Bridge Paint.

3] Murothane. Murothane is a single part water based urethane tough enough for use on floors. With 70% sheen level it is a high satin finish with no ‘stickiness’ making it the preferred option for handrails or surfaces subject to constant handling. 1 or 2 coats are typically used.

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