

BRIDGE PAINT

Water-based Micaceous Iron Oxide Decorative and Protective Finish

FEATURES

- *High performance MIOX coating for steel, masonry, timber and other surfaces*
- *Available in a range of colours*
- *Proven performance in high exposure applications*
- *Ease of application*
- *Low VOC*
- *Water clean-up*

USES

Bridge Paint is a single component water based micaceous iron coating that delivers superior durability and protection. With minimal chalking, excellent UV resistance and resistant to abrasion, Bridge Paint is suitable for exposed external structures in steel, masonry, aluminium,

plastic and many other materials.

The range of colours and distinctive aesthetic equally recommend the product to decorative interior applications. For high traffic interior applications, the use of a clear protective is advised to reduce surface marking.

SPECIFICATIONS

Weathering

Excellent long term weather resistance with high UV resistance, good elasticity, negligible colour change, low level of chalking and dirt pick-up. Slight increase in micaceous sparkle may occur after several years exposure.

Heat Resistance

Product will progressively soften after temperature exceeds 80°C.

Solvent Resistance

Some sensitivity to alcohols, petrol, diesel, oils, and hydrocarbons.

Salts Acids & Alkalis

Colours other than Carbon will show sensitivity to strong alkalinity, and/or acidity. Good resistance to salts.

Water

Resistant to prolonged rain and condensation.

Abrasion

Good resistance to abrasion.

Packaging

Murobond Bridge Paint is available in 1,4, 10 Litre packs.

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SUMMARY OF TYPICAL APPLICATIONS & PROPERTIES

<i>Product Type</i>	Water based Micaceous Iron Oxide Single Part	
<i>Appearance</i>	Metallic granular with micaceous sparkle	
<i>Components</i>	1	
<i>Volume Solids</i>	51% (Carbon)	
<i>VOC</i>	49 grams per litre	
<i>Flash Point</i>	N/A	
<i>Specific Gravity</i>	None	
<i>Thinning</i>	Water (Not recommended)	
<i>Application Conditions</i>	Minimum	Maximum
<i>Air Temperature</i>	10°C	35°C
<i>Surface Temperature</i>	10°C	35°C
<i>Humidity</i>	85%RH	
<i>Wet Film Thickness Per Coat</i>	80 – 100 microns (porous – non porous)	
<i>Dry Film Thickness Per Coat</i>	40 – 50 microns (porous – non porous)	
<i>Suitable Surfaces</i>	Most building materials after priming Refer to specification sheet or contact manufacturer	
<i>Application Method</i>	Brush or HVLP spray	
<i>Typical Spreading Rate</i>	10m ² per litre delivering 100um DFT	

DRYING TIME AT 100 MICRONS

TEMPERATURE	HUMIDITY	TOUCH DRY	RECOAT (MIN)
15°C	50%	2 Hours	6 Hours
20°C	50%	70 Minutes	4 Hours
25°C	50%	45 Minutes	4 Hours
Full Cure	7 Days		

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TYPICAL SURFACE SYSTEMS

SURFACE	FIRST COAT	SECOND COAT	THIRD COAT	FOURTH COAT
Cement Render FC sheeting	Murobond Primer Grey	Bridge Paint	Bridge Paint	
Ferrous Metal eg steel in mild exposure*	Murobond Red Metal Primer	Bridge Paint	Bridge Paint	
Ferrous Metal eg steel in high to v. high exposure*	High Build Zinc Phosphate Primer	High Build Zinc Phosphate Primert	Bridge Paint	Bridge Paint
Non Ferrous Metal eg aluminium, copper in mild exposure*	Murobond Red Metal Primer	Bridge Paint	Bridge Paint	
Non Ferrous Metal eg aluminium, copper in high to v. high exposure*	High Build Zinc Phosphate Primer	High Build Zinc Phosphate Primer	Bridge Paint	Bridge Paint
Timber Tannin Rich Not recommended on highly exposed timber C3-CX (see chart below)	Oil-based Primer or Bleed Seal	Murobond Primer Grey	Bridge Paint	Bridge Paint
Timber Not Tannin Rich Not recommended on highly exposed timber C3-CX (see chart below)	Murobond Primer Grey	Murobond Primer Grey	Bridge Paint	Bridge Paint
Galvanised Iron	As Steel Above	As Steel Above	Bridge Paint	Bridge Paint
Water-based Paints	Murobond Primer Grey	Bridge Paint	Bridge Paint	
Plasterboard	Murobond Primer Grey	Bridge Paint	Bridge Paint	
Oil-based Paints	Murobond Primer Grey	Bridge Paint	Bridge Paint	

* *Atmospheric Corrosivity Zone Guide*

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C1	Very Low	Dry Indoors
C2	Low	Arid / Town / Urban Inland
C3	Medium	Coastal / Industrial / Coastal City
C4	High	Marine – Calm Water
C5	Very High	Marine – Ocean Surf
CX	High	Tropical

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SURFACE PREPARATION

The preparation defined by the guidelines for the selected primer should be followed. The primed surface must be free of oils, grease, loose particles, dirt, mould, moss or other foreign matter. Ensure galvanised surfaces are free of manufacturing oils and 'white rust' (zinc oxide) – scrubbing with a degreasing cleaner is advised for bright gal.

APPLICATION

Stir product thoroughly before application. Use undiluted directly from the can.

Brush

Apply even full thick coats working quickly to maintain a wet edge across each surface. In protective applications, additional coats may be required to achieve specified thickness.

Spray

HVLP spray is recommended. Apply wet on wet to specified thickness.

Allow overnight dry between coats.

Thinning should be avoided.

Clean Up

Water

PRECAUTIONS

Bridge Paint is a fast drying product so care should be taken to maintain a wet edge, particularly in hot or windy conditions. Expansion / control joints should be sealed with a paintable compound before painting with the relevant primer. Colour must be checked before application of each drum. Do not apply if temperature less than 4°C above dewpoint, or if dew may settle before touch dry. Avoid painting hot surfaces. Protect surfaces from mechanical damage for 7 days. Protect surfaces from rain for 12 hours

STORAGE & HANDLING

No special requirements. This product is not hazardous. Avoid storing in hot conditions (above 30°C) for extended periods.

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E & OE All advice given in this document is given in good faith, and is considered to be accurate and reliable. As the circumstances of storage, handling and application of this product are outside the control of Murobond Coatings Pty Ltd, our warranty and undertakings do not extend to these.

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