

# METAL PRIMER

*Water based acrylic anti corrosive universal metal primer*

*Murobond's **Metal Primer** is an interior / exterior single component acrylic based anti corrosive primer built with red iron oxide and flash rust inhibitors.*

## FEATURES

- *Water based*
- *Suitable for ferrous metals*
- *Suitable for non-ferrous metals*
- *Very fast drying*
- *Low odour*
- *Low VOC*
- *Single pack, water clean-up*
- *Apply by brush, roller or spray*

## USES

Metal Primer is recommended for direct application to iron, steel, galvanized iron, aluminium, zincalume, and copper in mild to moderate exposure (C2) and internally (C1).

Metal Primer is resistant to prolonged rain and condensation.

## SPECIFICATIONS

### *Weathering*

Murobond Metal Primer is designed to be over-coated for protection from weather.

### *Salts Acids & Alkalis*

Not applicable.

### *Water*

Metal Primer is resistant to condensation.

### *Abrasion*

Not applicable.

### *Packaging*

Murobond Metal Primer is available in 1,4 Litre packs.

Issue date: February 2020

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## SUMMARY OF TYPICAL APPLICATIONS & PROPERTIES

<i>Product Type</i>	Pure acrylic primer/undercoat for metal	
<i>Appearance</i>	Dark Red liquid with mild odour	
<i>Colour Range</i>	N/A	
<i>Components</i>	1	
<i>Volume Solids</i>	35% by weight	
<i>VOC</i>	49 grams per litre	
<i>Flash Point</i>	N/A	
<i>Specific Gravity</i>	1.55	
<i>Thinning</i>	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>	71 microns (porous – non porous)	
<i>Dry Film Thickness Per Coat</i>	25 microns (porous – non porous)	
<i>Suitable Surfaces</i>	Porous masonry, powdery or underbound paints including lime, cement, silicate, vinyl and acrylic paints, iron, steel, galvanised iron, aluminium, zincalume, copper	
<i>Application Method</i>	Brush, roller or spray	
<i>Typical Spreading Rate</i>	14 m <sup>2</sup> per litre (more porous – less porous)	

## DRYING TIME AT 50 MICRONS

TEMPERATURE	HUMIDITY	TOUCH DRY	RECOAT (MIN)	RECOAT (MAX)
15°C	50%	1 Hour	2 Hour	7 Days
20°C	50%	30 Minutes	1 Hour	7 Days
25°C	50%	20 Minutes	30 Minutes	7 Days
Full Cure	30 Days			

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## TYPICAL SURFACE SYSTEMS

SURFACE	FIRST COAT	SECOND COAT	THIRD COAT	FOURTH COAT
Exterior Iron, Steel, Ferrous Metal	Murobond Metal Primer	Murobond Metal Primer	Pure, Bridge Paint	Pure, Bridge Paint
Exterior Aluminium, Copper, Non Ferrous Metal	Murobond Metal Primer	Murobond Metal Primer	Pure, Bridge Paint	Pure, Bridge Paint
Interior Iron, Steel, Ferrous Metal	Murobond Metal Primer	Pure, Bridge Paint	Pure, Bridge Paint	
Exterior Aluminium, Copper, Non Ferrous Metal	Murobond Metal Primer	Pure, Bridge Paint	Pure, Bridge Paint	

### SURFACE PREPARATION

Metal Primer can only function properly if the surface is clean, dry, and free from oils, grease, surfactants, rust, mill scale and other contaminants. Contaminants including rust and dirt must be removed by wire brush and sanding or bead blasting followed by degreasing and rinsing off, before allowing to dry completely.

### APPLICATION

Stir well before use. Thinning is not recommended for Murobond Metal Primer.

### PRECAUTIONS

Ensure adequate ventilation during use. Protect from rain for at least 4 hours after application. Overcoating is advised within 7 days.

#### *Maintenance*

If the surface is damaged before overcoating, re-apply Metal Primer to restore film to match surrounding area.

#### *Preparation to repaint*

Before repainting, ensure surface is clean dry and unbreached.

#### *Brush*

Apply liberally in random pattern, before laying off to consistent film thickness.

#### *Roller*

Apply liberally, before laying off with even lifting strokes to achieve consistent film thickness.

#### *Spray*

Spray light coats, wet on wet until surface is thoroughly wet. Airless spray is recommended. Mask surrounding surfaces.

#### *Clean Up*

Water

#### *Storage*

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

### ENVIRONMENT

VOC for this product: 49 grams per litre.

APAS target level: There is no directly comparable product.

(Australian Paint Approval Scheme compliance level).

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