

SEALER & BINDER

*Murobond Water Based Sealer & Binder = the **superior** sealer used to penetrate and bind chalky or underbound masonry and other surfaces.*

*An **interior/exterior** single component coating based on an ultrafine alkali-proof resin suitable for masonry, limewash, cement paint and other underbound surfaces.*

FEATURES

- *Seals powdery and highly porous surfaces*
- *Helps to bind flaking paint*
- *Fast drying*
- *Low odour*
- *Low VOC*
- *Aids in binding back loose edges after preparation*
- *Single pack, water clean-up*
- *Apply by brush, roller or spray*

USES

Sealer and Binder is recommended where lime, cement, or chalky water-based paints may cause adhesion failure.

Bare surfaces include; cement render, bagging, cement and clay brick/block, concrete, stone,

timber (Sealer and Binder will not prevent tannin bleeding), Hebel.

Previously painted surfaces include; old lime-wash, coloured render, cement paints and old acrylic or vinyl paints.

SPECIFICATIONS

Weathering

Murobond Sealer and Binder is designed to be overcoated for protection from weather.

Salts Acids & Alkalis

Sealer and Binder is highly resistant to alkalinity, salts and acidity however it is not formulated to contain efflorescence.

Water

Resistant to prolonged rain and condensation.

Abrasion

Not applicable.

Packaging

Available in 1,4,10,15 Litre

Issue date: April 2018

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SUMMARY OF TYPICAL APPLICATIONS & PROPERTIES

| | | |
|------------------------------------|---|---------|
| <i>Product Type</i> | Ultra fine pure acrylic | |
| <i>Appearance</i> | Milky aqueous solution | |
| <i>Colour Range</i> | N/A | |
| <i>Components</i> | 1 | |
| <i>Volume Solids</i> | 58% by weight | |
| <i>VOC</i> | 3.8 grams per litre | |
| <i>Flash Point</i> | N/A | |
| <i>Specific Gravity</i> | 1.02 | |
| <i>Solids</i> | 31% by weight | |
| <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> | 250-85 microns (porous – non porous) | |
| <i>Dry Film Thickness Per Coat</i> | 78-26 microns (porous – non porous) | |
| <i>Suitable Surfaces</i> | Porous masonry, powdery or underbound paints including lime, cement, silicate, vinyl and acrylic paints | |
| <i>Application Method</i> | Brush, roller or spray | |
| <i>Typical Spreading Rate</i> | 4 -12 m ² per litre (more porous – less porous) | |

DRYING TIME AT 50 MICRONS

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

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TYPICAL SURFACE SYSTEMS

| SURFACE | FIRST COAT | SECOND COAT | THIRD COAT |
|----------------|--------------------------|--|--|
| Masonry | Murobond Sealer & Binder | Most Murobond Products* and acrylic paints | Most Murobond Products* and acrylic paints |
| Concrete | Murobond Sealer & Binder | Most Murobond Products* and acrylic paints | Most Murobond Products* and acrylic paints |
| Lime Paint | Murobond Sealer & Binder | Most Murobond Products* and acrylic paints | Most Murobond Products* and acrylic paints |
| Cement Paint | Murobond Sealer & Binder | Most Murobond Products* and acrylic paints | Most Murobond Products* and acrylic paints |
| Silicate Paint | Murobond Sealer & Binder | Most Murobond Products* and acrylic paints | Most Murobond Products* and acrylic paints |
| Acrylic Paint | Murobond Sealer & Binde | Most Murobond Products* and acrylic paints | Most Murobond Products* and acrylic paints |

**Murobond Products include Pentimento, Cement Paint, Mineral Silicate and our PURE range of acrylics*

SURFACE PREPARATION

Surface must be clean, dry, free from oils, surfactants, mildew and any other contaminants. Remove as much chalky material as practical to maximise bond. Pressure washing is advised where possible. Mildew must be treated/removed. Gloss surfaces, other than acrylic paint, should be keyed by sanding to dull.

APPLICATION

Stir before use. Thinning is not recommended.

Brush

Apply liberally in random pattern, thoroughly wetting the surface. Maintain wet edge across each surface.

Roller

Apply liberally, thoroughly wetting the surface. (Use lifting strokes while ponding sealer above roller). Cut and fill progressively to maintain a wet edge across each surface.

Spray

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

Clean Up

Water

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 Sealer and Binder to restore film to match surrounding area.

Preparation to repaint

Before repainting, ensure surface is clean dry and unbreached.

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: 3.8 grams per litre. APAS target level: 55 grams per litre (Interior sealer). (Australian Paint Approval Scheme compliance level).

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