

MUROLAST SATIN

A tough long lasting elastomeric waterproofing membrane with a satin finish

Murolast Satin is formulated with pure acrylic resins to provide a highly elastic waterproof protective barrier to exterior and interior surfaces. Murolast Satin's high build film is both water and weather resistant.

FEATURES

- *Elastomeric – stretches to allow surface movement*
- *Waterproof*
- *Resistant to algae, mould and fungal growth*
- *Long term durability*
- *Superior adhesion to a wide range of substrates*
- *Single pack, water based*
- *Can be reinforced*

USES

Murolast Satin is recommended where a waterproof protective coating is required on exterior and interior masonry, concrete, and timber. It may also be applied over conventional paints, other Murobond products, plastic, metal etc. (preparatory coats may be required).

Bare interior surfaces may also be sealed including; cement render, bagging, cement and clay brick/block, concrete, stone, timber (Clear Acrylic Sealer will not prevent tannin bleeding), Hebel.

SPECIFICATIONS

Weathering

Murolast Satin is formulated to perform under full weather exposure.

Salts Acids & Alkalis

Murolast Satin is highly resistant to alkalinity, salts and acidity.

Water

Murolast Satin is highly resistant to water and water vapour.

Abrasion

Murolast Satin is resistant to abrasion.

Packaging

Available in 4,15 Litre

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SUMMARY OF TYPICAL APPLICATIONS & PROPERTIES

<i>Product Type</i>	Elastomeric waterproof membrane	
<i>Appearance</i>	White or coloured thick paste	
<i>Colour Range</i>	White to mid strength colours	
<i>Components</i>	1	
<i>Volume Solids</i>	58% by weight	
<i>VOC</i>	39.62 grams per litre	
<i>Flash Point</i>	N/A	
<i>Specific Gravity</i>	1.42	
<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>	275 microns	
<i>Dry Film Thickness Per Coat</i>	160 microns	
<i>Suitable Surfaces</i>	Timber, cement render, fibre cement sheeting, concrete, primed metal, plastic, water based paint, stone. For brick or block surfaces, render is usually used to flush surfaces for appearance	
<i>Application Method</i>	Brush, roller or spray. First coat should be diluted on highly porous surfaces	
<i>Typical Spreading Rate</i>	4 m ² per litre	

DRYING TIME AT 50 MICRONS

TEMPERATURE	HUMIDITY	TOUCH DRY	RECOAT (MIN)	RECOAT (MAX)
15°C	50%	4 Hours	1 Day	N/A
20°C	50%	3 Hours	12 Hours	N/A
25°C	50%	2 Hours	12 Hourss	N/A
Full Cure	7 Days			

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TYPICAL SURFACE SYSTEMS

SURFACE	FIRST COAT	SECOND COAT	THIRD COAT
Masonry Concrete Render	Sealer and Binder	Murolast Satin	Murolast Satin
Murowash	Sealer and Binder	Murolast Satin	Murolast Satin
Brick, Block, Stone	Sealer and Binder	Murolast Satin	Murolast Satin
Timber	Murobond Primer	Murolast Satin	Murolast Satin
Plastic	Sealer and Binder	Murolast Satin	Murolast Satin
Metal in mild exposure	Murobond Metal Primer	Murolast Satin	Murolast Satin

PRODUCT LIMITATIONS

The performance of this product is dependent upon correct preparation and application. We recommend application by a contractor familiar with film thickness measurement and delivery. We recommend a site sample / reference area be prepared before proceeding to application.

SURFACE PREPARATION

The surface to be coated must be clean and dry.

Ensure they are free from contaminant including grease, oil, flaking paint, laitance, efflorescence, mould and any powdery or loose material.

New concrete should be allowed at least 21 days cure prior to coating. All visible cracks, holes, etc exceeding 2mm must be repaired prior to application.

APPLICATION

Stir thoroughly before use. Application is by brush, roller or airless spray.

Brush

Lay on the first layer generally then finish by brushing in one direction only. Similarly lay on

the second layer then finish by brushing in one direction only but at right angles to the first coat.

Roller

Roll an even film over the surface maintaining a wet edge and that the roller is also kept wet. Stop and start as much as possible at joints in the formwork or at expansion joints. Do not roll over material that has begun to set as this can cause an uneven appearance in the finished job. Different rollers will create different textures.

Spray

With an airless spray. Equipment must be capable of delivering 3000 psi fluid pressure at a ratio of 30:1. A nozzle tip of 0.031 inches is recommended however different sized tips can be used to create different textures

Coverage

4 m² per litre on vertical surfaces. On exposed horizontal surfaces application at 2 m² per litre or of additional coats is recommended for additional protection Allow the first coat to dry completely before applying subsequent coats. Apply a minimum of two coats if product will be exposed to weather.

Clean Up and Thinning

Water

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HANDLING PRECAUTIONS

Do not use if surface or air temperature is below 10°C or above 30°C

Minimise contact by using protective clothing and avoid ingestion or eye contact. Ensure adequate ventilation during use.

Keep out of reach of children.

Store in sealed container in a cool dry area.

Maintenance

Regular cleaning with soft brush or low pressure washing is advised. For localised marking a soft lint free cloth with warm soapy water may be used. Rinse afterward.

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: 39.62 grams per litre.

APAS target level: 65 grams per litre (Exterior Semi Gloss). (Australian Paint Approval Scheme compliance level).

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