

Resene

Water Lockout

watertight membrane

Resene Water Lockout is a versatile high build liquid watertight membrane based on a urethane modified bitumen emulsion. Cures to a seamless highly elastic and durable film that adheres well to most substrates to block water ingress.

exterior use only

Typical uses

- Masonry - walls
- In situ concrete - walls/floors
- Plastered/rendered walls
- Retaining walls
- Wood planter box interiors

Vehicle type	Urethane modified bitumen emulsion
Colour	Black (when fully dry)
Volume solids	64%
Dry time (initial)	1-3 hours at 21°C. (determined by environmental conditions and wet film thickness)
Full cure	3-4 days
Primer required	Typically not required
Application rate	Two coats at 1 litre per square metre per litre per coat
Water vapour permeability	> 0.15g/m ² /day (ASTM E96-92)
Elongation at break	>900% (ASTM D412)
Resistance to water	No blistering or re emulsification (ASTM D2939)
Recovery at 350% elongation	>50%
Thinning and clean up	Water when wet, Resene Thinner No.2 once dry.
VOC (mixed)	7 grams per litre

Physical properties

Performance

Performance and limitations

1. Single component and ready to use. Will achieve a watertight membrane on cementitious substrates. Barrier coat for interior of wooden planter boxes.
2. Easy to use.
3. Non-flammable.
4. Water barrier/seal coat, low water moisture vapour transmission (MVT) coating.
5. Elastic membrane.

Limitations

1. Application not recommended at temperatures below 10°C or above a relative humidity of 85%. Film formation/curing and adhesion may be affected if the coating is applied and cured outside of these conditions. Dry time also depends upon applied wet film thickness.
2. Not approved as a tanking membrane for new construction.
3. Not designed to be overcoated with decorative topcoats.
4. Ensure the coating is fully dry before back filling.
5. Shelf life of the product is 12 months from date of manufacture provided it is stored in unopened original factory cans.
6. Has a characteristic bitumen odour until fully cured.

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Surface preparation

All surfaces to be coated must be sound and free from dirt, grease, oil and other surface contaminants. On all weak points such as cracks, around pipe penetrations or at the wall/floor junction use a woven fibreglass cloth between the first two applications of Resene Water Lockout. Roll the fibreglass cloth into the first coat while wet and leave to fully dry before application of the second coat of Resene Water Lockout.

Application

Resene Water Lockout may be applied by brush, roller (high solids sleeve) or squeegee (flat surfaces only). Hot, dry or very porous substrates should be dampened with clean water prior to application of Resene Water Lockout. Apply each coat at right angles to the dry preceding coat.

Resene Water Lockout may be sprayed but requires specialist spray equipment. Consult Resene Technical Services for advice when considering spray application.

For flat surfaces, a pour and spread application technique using a squeegee may be used to achieve a uniform wet film thickness. May also be poured into voids on horizontal surfaces.

The barrier properties of the surface skin can mean that very thick applications can take a very long time to through dry.

Application rate

Will vary with substrate and substrate porosity. Waterproofing of blockwork will only be achieved when all voids are filled to result in a smooth uniform finish.

To achieve a watertight membrane, calculate the square metre area to be coated and apply two coats, each coat applied at 1 litre per square metre.

For rolling use a high solids sleeve, multiple coats will be required to achieve the product loading.

Safety precautions

Consult Safety Data Sheet for this product prior to use. Users should ensure that they are familiar with all aspects concerning safe application of this product. **IF IN DOUBT, DO NOT USE THIS PRODUCT.**



Water Lockout
TDS



Water Lockout
SDS

Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. View Data Sheets online at www.resene.com/datasheets. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

In Australia
PO Box 924, Beenleigh, Qld 4207
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the paint the professionals use

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