

# SEALING SINGLE LEAF MASONRY

Shalex Industries has been manufacturing sealers and waterproofing compounds for masonry since 1974.

Your investment in Sealit Multipurpose is an effective waterproofing solution for single leaf masonry construction however the architect/builder/applicator should consider the following:

- The composition of mortar mixes and laying technique of trades may vary from location to location making quality control difficult. Inclusion of a waterproofing admix into the mortar such as Shalex Concrete Bond is strongly recommended.
- Vertical masonry walls subject to wind driven rain (eg no eave protection) may require additional coats to ensure all masonry is coated. Wind driven rain can enter a building through the smallest area of unprotected masonry and typically this is through a poorly constructed mortar joint.
- Exposed gable ends and walls facing into prevailing weather should be given additional coats to ensure coverage. Spraying while backrolling in an upward motion is particularly effective in ensuring adequate coverage.
- The bricklayer should ensure mortar joints are full and where possible compacted (eg ironed). Particular attention to perpendicular joints is required as this is typically the main point of failure.
- Sealit provides a fine waterproof 'skin' over the masonry surface as well as waterproof protection at and just below the surface. Structural movement during or after curing of mortar and concrete may open small cracks that will require subsequent re-coating. Coating 'green' masonry may result in cracks through mortar joints which would require re-sealing. Ideally masonry should be left for 28 days to ensure maximum moisture loss and allow for hairline cracking to appear (if any) prior to application of Sealit.
- The presence of dust may interfere with absorption of Sealit into the masonry. All surfaces should be free from dust. Washing the walls prior to application will minimise the risk of poor absorption.
- Split face or textured masonry provides a difficult surface for the applicator to ensure total coverage. Sealit must fully 'wet out' all surfaces of the wall. The primer coat is key in providing sub-surface protection and the applicator should ensure Sealit is applied liberally.
- Application of Sealit with a sprayer may result in beading on some masonry. It is important Sealit be given sufficient time to soak into the masonry. A brush or roller may be required to reduce surface tension and ensure the masonry is fully 'wet out'. Brushing out mortar joints during application is an additional precaution that will minimise the risk of unsealed areas.
- Application on hot masonry or windy days may cause premature drying without giving Sealit an opportunity to penetrate. In these cases application of a fine mist of water prior to application of Sealit will assist in absorption. Note – the walls should be just damp – not wet.
- All penetrations, flashing and openings should be well sealed with an appropriate sealant. Sealit is not designed to bridge gaps.
- Small leaks appearing on the interior walls following application of Sealit generally highlight areas where coverage is not adequate. This may be a result of small areas being missed or insufficiently coated or where cracks have appeared after application. These areas should be retreated with a heavily loaded long nap roller or brush, keeping Sealit in contact with the wall for as long as possible. Larger areas can be re-coated by spraying and backrolling in an upward motion at the same time.

**IMPORTANT NOTE:** Sealit is not designed as a final coating for horizontal/trafficable areas and should be covered or overcoated. Allow at least 24 hours (at 24°C) to dry before applying screeds, tiles, or any other coatings or coverings.

## TECHNICAL DATA

<b>No. of Coats:</b>	2 – 3
<b>Coverage:</b>	1L = approx 5m <sup>2</sup>
<b>Drying Time:</b>	2 – 4 hrs
<b>Fully Cured:</b>	7 days
<b>Cleanup:</b>	when wet: water when dry: solvent
<b>Shelf Life:</b>	12 – 18mths
<b>Store Below:</b>	35°C
<b>Application Temperature:</b>	5°C – 35°C
<b>Application</b>	Low pressure sprayer, brush or roller

## HELPFUL TIPS!

Place drop sheets down on floor surfaces to ensure no run off or drips occur when applying Sealit Multipurpose to walls.

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## HELPFUL TIPS!

With difficult to wet out surfaces, hot surfaces, or in very hot and windy conditions, the application of a very fine mist spray of water over the surface may help absorption prior to application of the primer coat. The surface should be just damp, **not wet**.

## PRODUCT FEATURES

- Tested to ASTM E514.74 – Rated 'E' for Excellent on water permeance
- Excellent Adhesion
- Cost Effective & Gives Long Lasting Protection
- Highly flexible
- Waterborne for easy application and cleanup
- Safe to use with minimal vapour
- Dries to a clear low sheen finish
- May be painted over with any acrylic based paint

## RECOMMENDATION

While Sealit Multipurpose is a water based waterproofing agent we recommend the use of gloves when using this product. The superior adhesion and water repellent properties of Sealit Multipurpose may cause 'sticky hands' even after washing well with soap and water.

## TRANSPORT / STORAGE

Pail Sizes	125ml Trial Pack, 1Ltr, 5Ltr, 15Ltr, 200Ltr, 1000Ltr
Weights	150g, 1.1kg, 5.5kg, 16.5kg, 224kg, 1060Kg
Dangerous Goods Class	N/A

## DISCLAIMER

Customers are advised to consider the information in this data sheet in the context of how the product will be used, including surfaces and any other products used. The information provided in this data sheet represents our best scientific and practical knowledge. Any advice, information or assistance provided by Shalex in relation to its products is given in good faith, however is provided without liability or responsibility. Due to the wide variety of site conditions we are unable to assume liability for any loss that may arise from the use of our products. The user is responsible for checking the suitability of products for their intended use.

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