

# BASE

1L = 1m<sup>2</sup>  
coverage



coats



clean up



application



12 hour  
drying time

# 101

## Waterproofing Membrane

15L

Base 101 Waterproofing Membrane is a high performance waterbased flexible waterproofing membrane designed to provide a waterproof barrier for a range of surfaces including masonry, timber, metal, and plastics.

Suitable for use in a wide range of projects including bathrooms and wet areas, retaining walls, ponds, roofs and gutters

Base 101 Waterproofing Membrane can accommodate structural movement and complies with the performance requirements of Building Code of Australia. It exceeds design criteria AS4858 (Class III) with elongation exceeding 300%.

For technical data sheets go to  
[www.basecoatings.com.au](http://www.basecoatings.com.au)



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# 101

No. of Coats	2
Coverage	1L = approx 1m <sup>2</sup>
Drying Time	12 hr
Fully Cured	3 Days
Cleanup	Water
Shelf Life	12 – 18mths
Store Below	35°C
App.Temp	5°C – 35°C

101 Waterproofing Membrane is dry when it forms a firm skin and colour changes from a light to darker grey. Some thicker sections may remain soft for longer periods – avoid excessive build up in corners and through deeper sections. Curing can be shortened by increasing airflow (eg place a fan over area) and/or increasing temperatures

## DESCRIPTION

101 Waterproofing Membrane is a highly flexible elastomeric waterproofing membrane designed for use on a wide variety of vertical and horizontal substrates where movement is to be expected.

101 Waterproofing Membrane dries grey with a smooth surface finish and remains highly flexible under extreme elongation and under constant exposure to moisture. Unlike bituminous membranes EX10 does not soften and attract dirt and stains and may be easily cleaned with mild detergents and water.

101 Waterproofing Membrane is UV resistant and can be used in exposed areas without embrittlement.

101 Waterproofing Membrane is a soft coating and not suitable for high traffic areas unless covered with a suitable protective covering such as tiles or pavers but will withstand moderate foot traffic.

101 Waterproofing Membrane is suitable for application over a wide range of substrates including, concrete, masonry, fibre-cement sheeting, plaster board, brick, render, plastics, metal and timber surfaces. 101 Waterproofing Membrane may be applied to damp surfaces although freedom from surface water and continual dampness is essential for curing to occur. Damp surfaces will increase drying/curing time.

## PREPARATION

All surfaces should be clean, sound and free from dry or loose material. Check for waxes, mould release or bond breaking agents, oils or other contaminants that may affect adhesion before application. Apply 1 coat of base 121 Acrylic Primer to all surfaces and allow to dry before applying 101 Waterproofing Membrane, alternatively dilute 3 parts 101 Waterproofing Membrane with 1 part water, mix well and use as a primer coat.

## APPLICATION

Apply by brush or roller to obtain a smooth and even coating. For spray application stir well with mixing drill before use in texture sprayer to reduce viscosity of membrane

101 Waterproofing Membrane can be applied in a single coat to any thickness required, however drying time will be significantly increased. Two thinner coats applied at right angles are preferred and result in faster curing times. The membrane needs to be applied to at least 1.5mm dry film thickness. If the first coat does not result in a dry film thickness of at least 1.5mm, then a subsequent coat(s) will be required.

Coat all areas liberally working the product into any voids or depressions. Where reinforcing fabric is to be used apply first coat to the required area and while still wet embed the fabric ensuring no air is trapped. Apply a second coat of membrane at right angles to the previous application. Allow to dry before applying screeds, tiles, or any other coverings.

## TILING

101 Waterproofing Membrane is suitable for use with a wide range of cement and acrylic tile adhesives. Avoid the use of solvent based adhesives as these may soften the membrane. Ensure 101 Waterproofing Membrane is fully cured prior to application of tiles.

## RETAINING WALLS & BELOW GRADE WATERPROOFING

When used on retaining walls and below grade it is important that provision is made for the removal of water from the area through 'ag' lines or similar plumbing devices. These should be placed at the lowest point along the footings to ensure they are able to remove all water that builds up behind the wall.

Ensure the membrane is applied to the entire wall section and extends at least 50mm across onto the footings or slab edge. Before backfilling, fully cover and protect the membrane with plastic sheeting. Backfill with free draining material such as coarse sand or aggregate. Apply to the positive (rear) side of the wall only.

## ROOFS AND DECKS

When used on roofing, all surfaces must be primed with Base 121 Acrylic Primer before the membrane is applied. Applying 1 coat of an exterior grade paint over the cured membrane is recommended to prolong the life of the membrane and protect from UV damage.

*Note - 101 Waterproofing Membrane has been designed to give an opaque finish when applied to the required thickness. If the substrate is clearly visible through the dried membrane then additional coats will be required to achieve the required dry film thickness.*