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## THOMPSON'S WATER SEAL(WATER BASED)

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### DESCRIPTION

New improved Thompson's Water Seal is a high performance transparent water repellent that penetrates exterior brickwork, wood and cementitious substrates to form a long lasting barrier against rain damage. Its formula contains a silicone micro-emulsion which prevents water penetration and subsequent problems caused by "freeze-thawing" which can break-up the substrate. Thompson's Water Seal has been reformulated to last longer than the standard waterproofers, continuing to repel water and help prevent water damage long after other products have begun to fail. Penetrating deep into the surface it repels more water for longer than standard clear waterproofers, and clear waterproofers, and can provide effective water repellancy for years, assuming application instructions and coverage guidelines are adhered to. Its long lasting, even under heavy moisture conditions, and is not destroyed by ultraviolet light.

### SURFACE PREPARATION

Thompson's Water Seal should only be applied to clean, dry surfaces that are sufficiently porous to allow full penetration of the product. Ensure that sufficient Thompson's Water Seal is applied to mortar joints, in particular the junction between mortar and bricks or blocks. Thompson's Water Seal should not be applied to recently sealed surfaces and any film forming coatings, for example, paint should be removed or allowed to weather for at least two years.

Any surface discoloration should be treated prior to the application of Thompson's Water Seal or marks, stains or blemishes in the substrate will show through after treatment.

Ensure that surface and air temperature are above 5°C.

#### General Substrate

Ensure that the substrate is clean, dry and free from oil, grease and any other contamination such as moulds and fungal growth. Remove oily deposits by washing surfaces with bondall's Multi Surface Degreaser. Any fungal deposits should be treated with either a proprietary fungicide, such as Bondall's Mould & Moss Eliminator, or diluted household bleach (1 part bleach : 4 parts water). Treated areas should be rinsed thoroughly with water. Allow to dry for at least two days.

Thompson's Water Seal will not fill cracks or gaps, carry out any necessary repair work before its application.

#### Special Substrates

##### Concrete Curing

Mixed concrete should be laid by standard procedures and tamped down leaving an even but fairly rough surface.

In cool, calm weather conditions the concrete surface should be smoothed down with a float to produce a satisfactory finish. A spray coat of Thompson's Water Seal should then be applied to the entire surface whilst the concrete is still wet. The concrete should then be allowed to dry.

When hot/windy weather conditions prevail a two stage procedure involving the use of Thompson's Water Seal is recommended. After the concrete has been tamped down to provide a rough but fairly even finish a spray coating of Thompson's Water Seal is applied and trowelled in the surface which is then smoothed down. This helps prevent cracking and checking (crazing) of the concrete. It also penetrates deep into the surface and helps control the evaporation rate of water. A second spray coat of Thompson's Water Seal is then applied and the concrete allowed to dry.

When used as a concrete hardening agent Thompson's Water Seal should be applied at a rate of 1 litre per 5 square metres.



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## APPLICATION

Shake the can vigorously before use. Thompson's Water Seal has a slightly milky appearance in the can, but clears quickly upon application. For best results ensure the surface is as dry as possible. Apply 2 coats using brush, roller or sprayer.

Note: Use at full strength. Do not dilute. The second coat should be applied when the first coat has soaked in the surface.

For best results do not leave the first coat to dry for more than 1 hour before applying the second coat. On vertical surfaces, work from the bottom upwards (above the damp-proof course), divide the area into approximately 1 meter square sections. Each section should then be fully saturated.

Best results are achieved by applying in all directions, paying particular attention to mortar lines.

Rework the whole section to ensure complete saturation. Finish each section before moving on to the next. Ensure that the whole wall is treated, not just isolated areas. On horizontal surfaces saturate well. After 15 minutes remove puddles by redistributing to dry areas.

Full water beading and water proofing performance of Thompson's Water Seal may not develop for up to 7 days depending on substrate and weather conditions.

## COVERAGE

Coverage rate will vary with the absorbency of the substrate. The coverage guidelines given below are the minimum recommended quantities required to give adequate waterproofing protection based on practical experience. Older substrates in particular may require additional applications of Thompson's Water Seal to ensure full repellency. A site trial is recommended.

Surface	First Application m <sup>2</sup> /litre	Second Application m <sup>2</sup> /litre
Brick	4.0	7.0
Concrete	5.0	10.0
Light Concrete Block	1.0	2.0
Clay/Quarry Tile	5.0	10.0
Rendering	5.0	7.0
Wood (varies with type of wood and any applied finish)	2.5 - 5.0	3.5 - 7.0
Weatherboard	2.5	3.5

## GLOSS LEVEL

Not applicable.

## DRYING TIME

Thompson's Water Seal has special quick drying formulation, and should be fully dry within 2 hours under normal dry conditions. However, drying times will vary depending on the absorbency of the surface and weather conditions.



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## CLEAN UP

Remove as much product as possible from equipment before washing. Clean brushes and equipment immediately after use by washing with warm water and detergent.

## COLOUR

Clear

## SIZES

1 Litre and 4 Litre

## PRECAUTION/FIRST AID

Observe and follow all warnings and instructions for use shown on the pack.

Keep out of reach of children.

Avoid contact with skin and eyes.

In case of contact with eyes. Rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of soap and water or a proprietary skin cleanser.

Do not breathe vapour or spray. In case of insufficient ventilation wear suitable respiratory equipment.

### DISPOSAL

Do not empty product into drains or water courses.

Some local authorities have special facilities for the disposal of waste coatings.

## DISCLAIMER

The information contained here is given in good faith and is intended to be of assistance to users. The performance of this product is dependant upon its correct preparation, application onto a sound surface and attention to the instructions on the label. The wide variety of surface conditions makes it impossible for the company to assume liability for any loss, consequential or otherwise, arising from the use of this product. Should the product be found defective our liability shall be limited to the replacement of the product only. We reserve the right to amend specifications and application techniques without prior notice.

For further advice please contact the Bondall Building and Renovating Service on 1800 810 123 or (08) 9277 6844



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