

# PRODUCT DATA SHEET

## *Thompson's* WATER SEAL

**Thompson's Water Seal, with its unique improved formula, offers superb weather protection for bricks, mortar, stone, concrete and wood. Thompson's Water Seal soaks deep for long lasting protection and prevents damaging water penetration.**

### INTRODUCTION

Thompson's Water Seal is a high performance, transparent, low viscosity water repellent, designed to penetrate exterior brickwork, wood and cementitious substrates to provide a long-lasting barrier against 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 standard waterproofers. It is long lasting, even under heavy moisture conditions, and is not destroyed by ultraviolet light.

### COMPOSITION

Thompson's Water Seal is based on a unique water based combination of alkyl polysiloxane resin and hydrophobic waxes

### PROPERTIES

Appearance – Slightly milky.  
Viscosity – Low viscosity liquid.  
Odour – Low, inoffensive.  
VOC Content- Minimal (0%-0.29%)

### FIELDS OF APPLICATION

Thompson's Water Seal provides maximum protection from water damage to all cementitious surfaces such as brickwork, pointing, rendering, stone, concrete and plaster. Thompson's Water Seal provides a clear water repellent barrier which helps to prevent damaging break up of the substrate. It can also reduce unsightly efflorescence in brickwork.

Thompson's Water Seal is also ideal for waterproofing most types of wood (not plywood), including preservative treated timber. It helps to reduce splitting, raising grain, shrinking, swelling, and deterioration caused by wetting and drying.

### APPLICATION PROCEDURE

Make sure the surface to be treated is clean and free from mould, fungal growth and any coatings that may interfere with the penetration of Thompson's Water Seal, by brushing first with a stiff bristle brush (not wire). Carry out any repairs and fill any surface cracks prior to treatment. Thompson's Water Seal can be applied to dry and damp (not saturated surfaces).

Thompson's Water Seal is not recommended for use on painted surfaces. Overpainting of surfaces treated with Thompson's Water Seal is not advised.

#### Application

Shake the can vigorously before use. Thompson's Water Seal has a slightly milky appearance in the can 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 and sprayer. The second coat should be applied when the first coat has soaked in to 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, working from the bottom upwards (above the damp proof course), divide the area into approximately 1 metre 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 waterproofing performance of Thompson's Water

Seal may not develop for up to 7 days depending on substrate and weather conditions.

Use at full strength. Do not dilute.

### COVERAGE

Thompson's Water Seal will cover approximately 4 m<sup>2</sup>/litre on brickwork. Coverage will vary depending on the texture and porosity of the surface to be treated.

### DRYING TIME

Thompson's Water Seal has a special quick drying formula and should be fully dry within 2 hours under normal conditions.

Drying time will vary depending on the absorbency of the surface, temperature and relative humidity.

### CLEANING OF TOOLS

Remove as much product as possible from equipment before cleaning.

All equipment should be cleaned immediately after use with detergent and warm water.

### MAINTENANCE

To maintain water repellency periodic retreatment will be required. The frequency of retreatment will vary with the type, nature and exposure of treated surfaces, as well as prevailing weather conditions.

### REPAIRS

Damaged areas may be re-waterproofed by local applications of Thompson's Water Seal. Brush down surfaces before application of Thompson's Water Seal.

### IMPORTANT NOTES

Always read the instructions carefully before use.

Do not use the new improved water-based formulation in conjunction with,

or on areas recently treated with solvent-based Thompson's Water Seal.

Do not apply if air or surface temperatures are below 10°C (50°F).

Do not apply in wet weather or if rain appears likely before the material has dried.

Thompson's Water Seal is not recommended for use on painted surfaces.

Some substrates may darken when treated. Always test on a small inconspicuous area prior to coating the whole surface.

Do not use detergents to clean down substrate to be waterproofed.

Do not use on asphalt, synthetic fibres, plastics or natural rubber.

Ensure adequate ventilation when applying Thompson's Water Seal.

For exterior use only. Do not use on ponds, roofs, garden/retaining walls, below ground and damp proof membranes or where positive water pressure is likely.

Overpainting of surfaces treated with Thompson's Water Seal is not advised.

#### **STORAGE**

Store in frost free conditions.

To avoid risk of spillage always store and transport in a secure and upright position.

#### **HEALTH AND SAFETY**

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

Specific safety data sheets are available on request.

#### **FLAMMABILITY**

Non-flammable product.

#### **SUPPLY**

Obtainable from DIY outlets, paint suppliers and builders' merchants.

#### **SIZES**

Various sizes.

#### **DISPOSAL**

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

Do not empty product into drains or watercourses.

#### **LIABILITY**

Whilst these specifications are based on expert technical knowledge and practical experience, we cannot assume responsibility for any work as the ultimate result depends on factors beyond our direct control. Standard codes of painting practice should be followed.

#### **INFORMATION AND SERVICE**

Our Technical Services Department will be pleased to offer specific guidance or provide any further information you may require.

#### **DATA SHEETS**

Data sheets on other Ronseal products are available on request from our Technical Services Department.

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