

SPACETHERM® WRB

Ultra-thin insulation for window and door reveals



DATA SHEET

TECHNICAL ADVICE

The A. Proctor Group has a dedicated Technical Department which can help with installation details, view drawings for approval and give specialist advice on the correct use of the A. Proctor Group products.

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Product Description

Window and door reveals can be challenging areas to insulate, particularly where space is limited. Spacetherm WRB combines ultra-thin Spacetherm insulation with a rigid facing board to provide a practical solution for improving thermal continuity around openings.

Reduce heat loss and thermal bridging around window and door openings - without sacrificing valuable internal space.

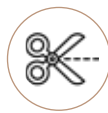
Cold bridges are areas of reduced thermal resistance in a building envelope, typically caused by junctions, openings, or structural elements. Even small bridges can:

- Reduce overall U-value performance of walls and openings
- Cause surface condensation and risk of mould growth
- Lead to energy loss and increased heating costs
- Impact passive and low-energy building compliance



Ultra-thin

Maximise insulation where space is restricted.



Simple installation

Factory-laminated and suitable for standard dry-lining applications.



Maintain room space

Provides insulation without significantly reducing the internal reveal.



Reduce thermal bridging

Helps improve thermal continuity around openings.

Where can it be used?



WINDOW REVEALS

For improving insulation around window openings.



DOOR REVEALS

For maintaining thermal continuity around door openings.



RETROFIT

Ideal where existing space limits the thickness of additional insulation.



Available in a range of configurations, widths and thicknesses to suit individual project requirements.

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How it works

Spacetherm WRB is a factory-laminated board system combining Spacetherm insulation with a rigid facing board. It provides high thermal performance in a thin profile, making it ideal for window and door reveals and other junctions.

Spacetherm insulation provides high thermal resistance in a very thin profile, making it particularly suited to areas where conventional insulation cannot be accommodated.

1. Finish

Plaster, jointing or other specified materials.

2. Facing board

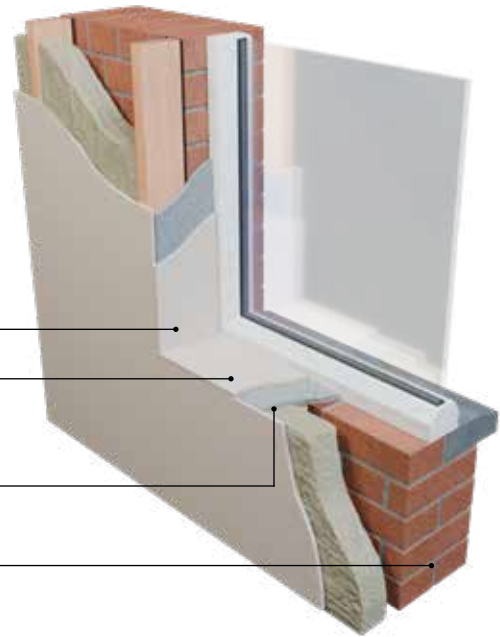
Plasterboard or MgO.

3. Spacetherm A1

Ultra-thin thermal insulation.

4. Existing substrate

Timber or masonry.



Technical information

Insulation	Spacetherm A1
Thickness	Multiples of 5 & 10mm
Fire classification	A1 - non-combustible
Thermal conductivity	0.0195 W/mK
Water absorption (24 hour)	0.04 kg/m ³
Dimension stability	$\Delta < 0.6\%$
Available sizes	Bespoke sizes available

Please note, the Spacetherm A1 material is fire rated - for any components laminated to this product, please check fire rating with our Technical Department.

Installation



Prepare

Ensure the substrate is clean, dry and suitable for fixing.



Install

Fix the Spacetherm WRB to the prepared substrate in accordance with the relevant installation guidance.



Finish

Finish using compatible plaster, jointing or other specified materials.

Our technical services can provide project support, including condensation risk analysis, U-value calculations and technical advice.

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