Fletcher Insulation
Building Better, Together

Technical data sheet

supaBATT™: Wall

Thermal insulation Option for 7 star wall compliance

Description

supaBATT is made from flexible and resilient glasswool for thermal insulation of residential walls. The product is faced with a vapour permeable membrane to offer greater thermal performance while managing water vapour to help deliver 7 Star NCC compliance.

Applications

supaBATT that uses PINK® Technology is the trusted choice when it comes to constructing new homes or retrofitting existing buildings for increased thermal efficiency. supaBATT comes in a 15mm thickness that is used to improve the thermal efficiency of the wall while also providing a vapour permeable membrane solution.

supaBATT is installed using pins direct fixed through the batt into framing. A 150mm lap is then taped to ensure vapour control and water barrier is achieved. For brick façade, supaBATT is installed in the typical 50mm cavity between brick and framing. Care should be taken to ensure a 35mm gap is left between outer façade and facing of the supaBATT. Refer to the installation guidelines for more details.

Features and benefits

Firm to fit	→	1200mm wide boards make easy installation over existing framework and will work across both steel and timber framing.
Additional R value with a membrane	→	supaBATT will provide greater levels of wall insulation with the dual purpose of managing water vapour in line with NCC 2022 requirements.
Australian made using up to 80% recycled content	→	Made for Australian conditions.
supaBATT VP4 is already faced	→	Time saving install – no need to wrap house separately with vapour permeable membrane.

Product data

	Vapour class	Material R-value m^2K/W	Nominal Thickness mm	Width mm	Length mm	Batts per pack	m^2 per pack	Packs per pallet	Product code
supaBATT	VP4	R0.4	15	1200	2400	20	57.6	6	4020912
supaBATT		R0.4	15	1200	2400	20	57.6	6	4020908

For further information on the VP4 please refer to the Technical Datasheet Sisalation Vapawrap Residential Wall Wrap.

Physical properties

Property	Test method/standard	Result	Unit
Thermal Resistance	AS/NZS 4859.1	Complies	$m^2.K/W$
Moisture Absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	<0.2%	% by volume
Fungi resistance of insulation materials	ASTM C1338-14	Pass (No growth)	–
Vapour Permeability (VP4 faced only)	ASTM E96	>1.1403	µg/N.s
Vapour Classification (VP4 faced only)	AS 4200.1	Class 4	–
Water Control (VP4 faced only)	AS/NZS 4200.4	Water Barrier	–

Fire hazard properties

supaBATT exhibits the following characteristics when tested in accordance with the following standards:

Property	Test method/standard	Result
Combustibility (Glasswool Component Only)	AS/NZS 1530.1	Non-combustible
Flammability Index (Sisalation Vapawrap Resi Wall (VP4) Component)	AS 1530.2	≤ 5 (Low)

Product limitations

Important: Do Not Modify This Product: Compliance with the evidence of suitability data referenced in this document is only achieved by the product or configuration listed.

- This product is suitable for class 1 construction only.
- When faced, this product is not classified as non-combustible in accordance with AS 1530.1 and is not suitable where a non-combustible material is required.
- This product does not have a Group Number in accordance with AS 5637.1 (NCC 2022 Volume 1 S7C4, NCC 2025 Volume 1 S7C4) and is not suitable as an exposed internal wall and ceiling lining where a group number is required.
- Unfaced glasswool is not a water or vapour barrier and is not suitable as a water or vapour control.
- Compression of the product will reduce its declared material R-value.
- The maximum service temperature for this product is 70°C.
- This product should not come into contact with wet concrete or alkaline materials.

NCC clauses and relevant standards

NCC 2022

When correctly specified and installed, the product complies with the below NCC clauses and relevant standards:

- Complies with AS/NZS 4859.1 as referenced in NCC 2022 Volume 1 J4D3(1) and ABCB Housing Provisions section 13.2.2(1).

NCC 2025

When correctly specified and installed, the product complies with the below NCC clauses and relevant standards:

- Complies with AS/NZS 4859.1 as referenced in NCC 2025 Volume 1 J4D3(1) and ABCB Housing Provisions section 13.2.2(1).

Maintenance and conditions of use

- Product must be kept dry and not be exposed to weather in any condition including prior, during and after installation.
- If used with any other product except Sisalation®, confirmation of suitability must be reviewed.
- Ensure product is protected from physical damage and avoid packaging being stored under UV light (such as direct sunlight) for extended periods.
- Where faced product can be inspected, ensure any tears in the facing are repaired with the appropriate tape as highlighted in the product's installation guidelines.
- When product is installed as per the product installation guidelines, no further maintenance is required for this product.

Health and Safety

Fletcher Insulation glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. Refer to Fletcher Insulation Glasswool SUIS for more information.

Environmental properties

supaBATTS are manufactured from up to 80% recycled content which would otherwise go to landfill and be unsuitable for alternative manufacturing processes.

Fletcher Insulation avoids the use of Ozone Depleting Potential (ODP) substances in the manufacture or composition of its FBS-1 Glasswool Bio-Soluble Insulation®.

The use of these Fletcher Insulation products provides the use of Zero ODP insulation while also ensuring that no harmful levels of Volatile Organic Compounds (VOCs) are released. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality.

Specification

When specifying, state the following:

The insulation material shall be Fletcher Insulation supaBATT R 0.4 m2K/W (Material R-value)

15mm thick) x 1200mm (width) x 2400 (length) mm.

- Product must be FBS-1 Bio soluble.
- Product must recover after packaging to the requirements of AS4859.1.
- Follow installation guidelines available from www.insulation.com.au for correct installation method.

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