

## 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.

#### Product Limitations

- Not to be used/exposed to weather in any condition including prior, during and after installation.
- Cannot be used in double brick or lightweight cladding applications.
- Product is suitable for Class 1 construction only.
- Glasswool products without facing cannot be used as a water barrier or vapour barrier.
- Modifications not permissible, as suitability and/or compliance may be compromised.
- Product cannot be used crushed.

#### 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 <sup>2</sup> K/W	Nominal Thickness mm	Width mm	Length mm	Batts per pack	m <sup>2</sup> 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
Maximum Service Temperature	ASTM C411/C447	Glasswool: 340 Facing: 70	°C
Thermal Resistance	AS/NZS 4859.1	Complies	m <sup>2</sup> .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)
BAL Compliance (Walls Only)	AS3959	Low-FZ

### NCC clauses and relevant standards

#### NCC2019

- When correctly specified and installed, the product complies or assists to comply with below NCC clauses and relevant standards.
- Complies with AS/NZS 4859.1 as referenced in NCC 2019, Volume 1 Clause J1.2(a) and NCC 2019, Volume 2 Clause 3.12.1.1.
- Complies with the requirements of AS3959 Bushfire Attack Level Low-FZ in walls.

#### NCC2022

- When correctly specified and installed, the product complies or assists to comply with 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).
- Complies with the requirements of AS3959 Bushfire Attack Level Low-FZ in walls.

### Health and Safety

Fletcher Insulation glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®.

### 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.

### Maintenance and conditions of use

- Product should be kept dry, not to be exposed to weather in any condition including prior, during and after installation.
- Product should be installed without compression to keep its claimed R value.
- If used with any other products except Sisalation, confirmation of suitability must be reviewed.
- Use of pressure cleaners or mineral based cleaners must not be used on the product.
- When storing, ensure product is protected from physical damage. Avoid storing product packaging under UV light (direct sunlight) for extended periods.
- Where insulation can be inspected, ensure any tears in the facing are repaired with 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.

### 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](http://www.insulation.com.au) for correct installation method.

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