

PRODUCT TECHNICAL STATEMENT

Material, product or form of construction	Fastwrap Wall
Issued by (company)	Integra Building Products
Reference number	DSL-20211206 Fastwrap Wall
Version and date of issue	Approved 20211208

PRODUCT DESCRIPTION

Fast Wrap is 102g/m², 3 layer laminate, consisting of two UV stabilized spun- bonded polypropylene layers and a UV stabilized film layer

APPLICATION AND INTENDED USE

Fastwrap has been appraised for use as a wall sarking on buildings within the following scope:

- Class 1 and Class 10 buildings; and,
- Class 2 to Class 9 buildings subject to specific weathertightness design; and,
- Constructed with timber or steel framing in accordance with BCA; and,
- With absorbent and non-absorbent wall claddings installed over an 18mm minimum drained cavity; and,
- with masonry veneer in accordance with BCA; and,
- situated in non-cyclonic wind zones up to, and including N3

COMPLIANCE WITH THE NATIONAL CONSTRUCTION CODE

Performance Requirement	Meeting the Requirement
NCC 2019 Volume 1 parts F1.6, F6.2(a)(i) and (iii), Volume 2 parts 3.5.2.4(b), 3.8.7.2(a)(i) and (iii), and all State-prescribed variations, through compliance with AS/NZS 4200.1.	Refer to BRANZ Appraisal
NCC 2019 Volume 1 Section C1.9(e)(vi) and Volume 2 Section 3.7.1.1(f) – it does not exceed 1mm in thickness and.	Tested to AS1530.2 has a thickness less than 1mm has a Flammability Index ≤5
NCC 2019 Volume 1 Specification C1.10 Table 4	Specification C1.10 Clause 4 for sarking material. When tested to AS1530.2 this product has Flammability index less than or equal to 5

Test Standard	Test Type	Report
AS/NZS 4200.1	Material Properties	BRANZ Appraisal No.1014[2019]
AS1530.2	Fire	19-003359

AS/NZS 4200.1 Properties MD = Machine Direction CD = Cross Direction	Property Performance Requirement	Actual Property Performance	AS/NZS 4200.1 Classification
Resistance to dry delamination	Pass/Fail	Pass	Not Applicable
Resistance to wet delamination	Pass/Fail	Pass	Not Applicable
Shrinkage	≤ 0.5%	Pass	Not Applicable
Folding Endurance MD	≥ 2.00 Log ₁₀ Folds	≥ 4	Not Applicable
Folding Endurance CD	≥ 1.70 Log ₁₀ Folds	≥ 3.4	Not Applicable
Absorbency	≥ 100 g/m ²	Pass	High
Vapour Barrier	≤ 7 MN s/g	Pass	Low
Water Barrier	≥ 100 mm	Pass	High
Emittance			Non-reflective
Tensile Strength MD		4.0 kN/m	Unclassified
Tensile Strength CD		2.3 kN/m	Unclassified
Edge tear resistance MD	≥ 90 N	200 N	Extra Heavy
Edge tear resistance CD	≥ 90 N	110 N	Extra Heavy
Flammability	≤ 5	Pass	Low

LIMITATIONS OF USE

In a fire control room or fire-isolated stairway, a material used as an attachment or part of an attachment to a building element must, if combustible, be attached directly to a non-combustible substrate and not exceed 1 mm finished thickness.

The certifier needs to assess its compliance to BAL 12.5-FZ as per AS3959

The product provides a separation to form an air gap, with an emittance of 0.9

The product should be covered as soon as practical to avoid nail tear caused by wind.

The product is used for vertical applications not for roof cladding

CONDITIONS OF USE

Store in original packaging to avoid deterioration from UV light.

Service temperature is -55°C to 120°C

INSTRUCTIONS FOR DESIGN, CONSTRUCTION OR INSTALLATION

Isolate power in installation area.

Condensation is a complex subject, Class 3 and 4 vapour barriers are suitable for NCC climate zones 4-8, when installed as per BRANZ appraisal. Refer to the engineers recommendation if a thermal break and Class 1 air and vapour barrier is required for the above climate zones. Refer to DeSilvaLine HR for Class 1 Vapour Barrier.

- Fast Wrap is intended for use as an alternative to conventional wall sarkings which are fixed over timber or steel framed walls to limit the entry of wind into building cavities, and to act as a secondary barrier to wind-driven rain. Refer to Table 1 for material properties.
- The material also provides a degree of temporary weather protection during early construction. However, the product will not make the building weathertight and some wetting of the

underlying structure is always possible before the building is closed in. Hence, the building must be closed- in and made weatherproof before moisture sensitive materials such as wall or ceiling linings and insulation materials are installed.

- Fast Wrap must not be exposed to the weather or ultra violet light for a total of more than 90 days before being covered by the wall cladding.
- Fast Wrap is deemed to be a satisfactory sarking material for the waterproofing of walls in accordance with BCA Volume 1, Paragraph F1.6 and BCA Volume 2, Part 3.5 Roof and Wall Cladding.
- In masonry veneer installations and wall cladding installations over a cavity, where the studs or cavity battens are installed at greater than 900 mm centres, the sarking must be supported to prevent it bulging into the cavity space when bulk insulation is installed in the wall frame cavity.
- Follow AS4200.2 for installation instructions.

MAINTENANCE INSTRUCTIONS

Inspect for discontinuities where weatherproofing is not achieved. Replace or tape with Fastwrap Tape

SUPPORT

Integra Building Products is the local representative for Fastwrap and is the first point of contact. Bayonet (Paul Industries) are the importer of Fastwrap into Australia and provide warranty.