

Certificate no: CMNZ30032

Version: H

Original issue date: 11 October 2012

Version date: 11 November 2025

Renewal Date: 12 December 2028

1. Certificate Holder Details



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2. Product Certification Body

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Complaints: The complaints process for this certificate can be found here:
www.global-mark.co.nz/complaints

Global-Mark Managing Director.

Herve Michoux



Product Certificate

SOLITEX EXTASANA WALL UNDERLAY

3. Description of Building Method or Product

SOLITEX EXTASANA® Wall Underlay is a flexible synthetic absorbent wall underlay. The product consists of a monolithic water-resistant film laminated between two layers of non-woven spun-bonded polypropylene and is coloured blue on the top surface and grey on the bottom surface.

4. Intended use of Building Method or Product

SOLITEX EXTASANA® Wall Underlay is a wall underlay for use under direct fixed and non-direct fixed wall cladding on timber framed buildings. SOLITEX EXTASANA® Wall Underlay is suitable for use as temporary weather protection for up to 180 days to allow interior works to continue inside the building without the exterior wall cladding fully in place.

5. New Zealand Building Code Provisions

The System if designed, used, installed and maintained in accordance with the conditions of this Certificate will comply with or contribute to compliance with the following performance provisions of the NZ Building Code:

Clause B2 DURABILITY: Performance B2.3.1(a), and B2.3.2.

Clause C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE: Performance C3.4(c).

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.6 (contributes to) and E2.3.7

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.

Clause H1 ENERGY EFFICIENCY: Performance H1.3.1(b) (contributes to).

6. Conditions and Limitations of Use

1. SOLITEX EXTASANA® Wall Underlay use is certified as flexible wall underlay for buildings:
 - a. within the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 for timber-framed building, and
 - b. with absorbent or non-absorbent wall claddings either direct fixed or installed over an 18 mm minimum drained cavity; or
 - c. with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber-framed buildings; and
 - d. situated in
 - i. NZS 3604;2011 Wind Zones up to, and including, Very High; or



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- ii. NZS 3604:2011 2 Wind Zones up to, and including, Extra High when used
 1. over an 18 mm minimum drained cavity; and,
 2. over a rigid wall underlay in accordance with NZBC Acceptable Solution E2/AS1.
2. SOLITEX EXTASANA® Wall Underlay must be installed in accordance with:
 - a. SOLITEX EXTASANA® Application Guide – Timber Frame; Dated 30/09/2025
 - b. When used as temporary weather protection, SOLITEX EXTASANA® Early Close-In Application Guide for Horizontal Cladding Version 1.0 dated July 29 2025, SOLITEX EXTASANA® Early Close-In Application Guide for Vertical Cladding Version 1.0 dated July 29 2025 and SOLITEX EXTASANA® Early Close-In Application Guide for Brick Cladding Version 1.0 dated July 29 2025 (as appropriate)
 - c. And the following sets of drawings:

• A2211 INTELLO connex Midfloor Detail 19/09/2025 Revision: D	• WD4411 uPVC Window to 90 mm Timber Framing, 3/10/2025, Revision: C
• A2213 INTELLO connex Midfloor Detail, 19/09/2025 Revision: D	• WD4412 uPVC Window to 90 mm Timber Framing, 3/10/2025, Revision: C
• A3111 INTELLO PLUS Wall Connection Timber Framing Detail, 19/09/25 Revision: D	• WD4413 uPVC Window to 90 mm Timber Framing, 3/10/2025, Revision: C
• A3112 INTELLO PLUS Wall Connection Timber Framing Detail, 19/09/25 Revision: D	• WD4414 uPVC Window to 90 mm Timber Framing, 3/10/2025, Revision: C
• A5121 Timber Framed Wall to Insulated Slab Foundation, 18/9/2025, Revision: B	• WD4415 uPVC Window to 90 mm Timber Framing, 3/10/2025, Revision: C
• A5171 Masonry Veneer with Insulated Slab Floor, 18/09/2025, Revision: B	• WD4416 uPVC Window to 90 mm Timber Framing, 3/10/2025, Revision: C
• A5172 Brick Veneer with Slab Edge Insulation, 18/09/2025, Revision: B	• W3111 Timber Framing Wall Detail 18/09/2025 Revision: E
• A5211 Timber Framed Pile Foundation with Subfloor Ventilation, 18/09/2025, Revision: B	• W3112 Timber Framing Wall Detail 18/09/2025 Revision: E
	• W5121 Timber Framed Wall to Slab foundation 22/09/2025 Revision: B
	• W5171 Below Ground Masonry Veneer 22/09/2025 Revision: B

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- W5172 Brick Veneer with Slab Edge Insulation, 17/09/2025, Revision: B
- W5211 Timber Framed Pile Foundation with Subfloor Ventilation, 22/09/2025 Revision: B

3. Timber Framing: Studs must be provided at maximum 600 mm centres. Dwangs must be fitted flush between the studs at maximum 1200 mm centres.
4. SOLITEX EXTASANA® Wall Underlay must not be exposed to the weather or ultraviolet light for a total of more than 180 days before being covered by the wall cladding when used in either the normal or temporary weather protection options.
5. In cavity installations where the cavity battens are installed at greater than 450 mm centres, the wall underlay must be supported between the battens to prevent the underlay bulging into the cavity space when bulk insulation is installed in the wall frame cavity in accordance with the requirements of NZBC Acceptable Solution E2/AS1 (Paragraph 9.1.7.10.5) for timber frame. Wall underlay support options include polypropylene straps, 75mm galvanised mesh or galvanised wire, and vertical cavity battens.
6. When used as a non-rigid backing material for stucco, SOLITEX EXTASANA® Wall Underlay must be supported with 75 mm galvanised mesh or plastic tape or wire at 150 mm centres run across the cavity battens to limit deflection to a maximum of 5 mm.
7. SOLITEX EXTASANA® Wall Underlay must be separated from fireplaces, heating appliances, HVAC, flues and chimneys in accordance with the requirements of Acceptable Solutions C/AS1, or C/AS2.
8. Contribution to compliance with Building Code clause H1.3.1(b) is conditional on:
 - a. The element incorporating SOLITEX EXTASANA® Wall Underlay being part of the thermal envelope of the building, and
 - b. horizontal and vertical laps being securely taped.

7. Health and Safety Information

Standard industry safety practices and manufacturer safety requirement as detailed in the technical literature including the applicable MSDS and SDS must be observed at all times. Please refer to SOLITEX EXTASANA® Safety Datasheet (03/12/2024)

8. Basis for Certification

The certification decision is based on independent technical review(s) of test report(s), engineering opinion(s) and other documented evidence(s), factory audit(s) and site review(s)

Code Objective Clause

Compliance pathway

B2 DURABILITY

Alternative solution based on expert opinion and B2/VM1



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C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE Acceptable solution C/AS2

E2 EXTERNAL MOISTURE Alternative solution E2/AS1 for timber framed building

F2 HAZARDOUS BUILDING MATERIALS Alternative solution based on expert opinion

9. Supporting Documentation for Certification

Nb	Author	Description	Date and/or Revision
001	BRANZ	Appraisal of SOLITEX EXTASANA® Wall Underlay (Appraisal 1163 (2021))	24/05/2021
002	*BRANZ	Basis of Appraisal SOLITEX EXTASANA® Wall Underlay (Appraisal 1163 (2021))	12/05/2021
003	pro clima	SOLITEX EXTASANA® Application Guide – Timber Frame	30/09/2025
004a	pro clima	SOLITEX EXTASANA® Early Close-In Application Guide for Horizontal Cladding	Version 1.0 dated July 29 2025
004b	pro clima	SOLITEX EXTASANA® Early Close-In Application Guide for Vertical Cladding	Version 1.0 dated July 29 2025
004c	pro clima	SOLITEX EXTASANA® Early Close-In Application Guide for Brick Cladding	Version 1.0 dated July 29 2025
005	pro clima	SOLITEX EXTASANA® Technical Data Sheet	28/10/2025
006	pro clima	SOLITEX EXTASANA® Safety Data Sheet	03/12/2024
007	*NZWTA	Test Report – 11/186	01/06/2001
008	*BRANZ	Assessment of the durability of pro clima SOLITEX EXTASANA®	DC16606-01-1 dated 26/08/2022

* These documents were provided commercial in confidence and are not publicly available



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10. Supporting Information About Description (Optional)

Nil

11. Supporting Information About Intended Use (Optional)

1. SOLITEX EXTASANA® Wall Underlay is suitable for use under wall claddings as a wall underlay as called up in NZBC Acceptable Solution E2/AS1, Table C.2.1.1 on timber framed buildings. SOLITEX EXTASANA® Wall Underlay is intended for use as an alternative to conventional building papers which are fixed over timber or steel framed walls in order to limit the entry of wind into building cavities, and to act as a secondary barrier to wind-driven rain.
2. SOLITEX EXTASANA® Wall Underlay may also be used as
 - a. a non-rigid backing material for stucco plaster in accordance with the requirements of NZBC Acceptable Solution E2/AS1 (Paragraph 9.3.5)
 - b. a slip layer over rigid backings for stucco plaster in accordance with the requirements of NZBC Acceptable Solution E2/AS1, (Paragraph 9.3.3.1 b).
3. SOLITEX EXTASANA® Wall Underlay can be added as a second layer over head flashings in accordance with the requirements of NZBC Acceptable Solution E2/AS1, (Paragraph 9.1.10.3).

12. Supporting Information About Conditions and Limitations of Use (Optional)

Nil

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.



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