



pro clima SOLITEX EXTASANA ADHERO®

Self-Adhesive Weather Resistive Barrier

SOLITEX EXTASANA ADHERO® provides the ultimate weather protection layer for your walls, and roofs under all conditions. Fully adhered to rigid substrates provides ultimate protection to the building from wind, driving rain and other external sources of water, whilst allowing any internal moisture to escape through the vapour permeable, non-porous TEEE* layer.

- ✓ Superior UV resistance (180 days exposure)
- ✓ Isolates leaks caused by accidental damage or penetrations
- ✓ Outstanding long-term durability
- ✓ Ultimate resistance against extreme wind gusts
- ✓ Ideal for pre-fab systems
- ✓ Fire retardant

Declare.



16 03 2023



Your local support

04 589 8460 | 09 892 9900 | 03 327 4925
Technical: support@proclima.co.nz | General: welcome@proclima.co.nz
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Technical Data

| | | | |
|--|---------------------------------|---|--------------------------------|
| Cover fleece + protective layer: | Polypropylene microfibre fleece | | |
| Membrane: | Monolithic TEEE® film | | |
| Adhesive: | Special acrylate adhesive | | |
| UV stability and outdoor exposure: | 180 Days | ASTM G154 | |
| Type: | N/A (fully adhered membrane) | | NZS 2295-2006A1 |
| Vapour classification: | Depends on Substrate | | AS/NZS 4200.1:2017 |
| Moisture vapour transmission resistance: | (MVTR) | 2.091 MN.s/g | ASTM E96 Method B |
| Moisture shrinkage: | N/A (fully adhered membrane) | | AS/NZS 4201.3 |
| Resistance to water penetration (water control): | 10,000 mm | EN 20811 | |
| | Pass (Walls > 20 mm) | NZS 2295; AS/NZS 4201.4:1994 | |
| | Pass (Roofs > 100 mm) | NZS 2295; AS/NZS 4201.4:1994 | |
| Surface water absorbency: | > 150 g/m ² | AS/NZS 4201.6:1994 | |
| | Pass (> 100 g/m ²) | NZS 2295-2006A1 | |
| Flammability index: | < 5 | AS 1530.2-1993 | |
| | Fire Retardant | NZS 2295-2006A1 | |
| Edge tear: | MD / CD [†] | Depends on Substrate [†] | TAPPI T470 |
| Tensile strength: | MD / CD [†] | Depends on Substrate [†] | AS 1302.448s:1991 |
| Air resistance (air control): | | ≥ 0.1 MN.s/m ³ | BS 6538:Part 3 |
| Temperature resistance: | | -40°C to +100°C | |
| Heat shrinkage @ 70°C: | MD / CD [†] | 0.0%, 0.0% | ASTM D1204, AS/NZS 4200.1:2017 |
| Thickness: | | 0.70 mm ± 0.05 mm | EN 1489-2 |
| Surface weight: | | 240 g/m ² ± 5 g/m ² | EN 1489-2 |
| Electrical conductivity: | | Electrically non-conductive | AS/NZS 4200.1-2017 |
| Self-Adhering Flashing: | | PASS | AAMA 711 (See following page) |

BRANZ APPRAISAL 989 OUTLINES FURTHER REQUIREMENTS FOR THE USE OF SOLITEX EXTASANA ADHERO IN NEW ZEALAND

[†]TPEE: Thermoplastic Elastomer Ethyl Ester, [†]MVTR: Mean vapour transmission rate, [†]MD / CD: Machine direction / cross direction, [†]Performance characteristics will be modified by the rigid substrate

IMPORTANT INFORMATION

- This product is designed to withstand up to 180 days UV exposure before cladding is installed.
- This product can withstand exposure to temperatures of up to 100°C and down to -40°C behind external claddings.

PRODUCT DESCRIPTION

SOLITEX EXTASANA ADHERO® is a UV stabilised and tear resistant self-adhesive weather resistive barrier (WRB). A non-porous water resistant TEEE® film is laminated at high temperature between two layers of spun bonded polypropylene with a full solid acrylate adhesive back and siliconized release paper.

WEATHER EXPOSURE

This product is a weather resistive barrier (WRB) and designed to withstand up to 180 days direct exposure to UV and still fulfil the intended use for air and water control. Exterior cladding should be detailed to prevent direct sunlight onto the membrane in service.

APPLICATION NOTES

SOLITEX EXTASANA ADHERO® weather resistive barrier for use over rigid wall sheathing with or without a cavity, rigid roof sheathing on pitched roofs, structural insulation panel (SIP) or cross laminated timber (CLT) in accordance with BRANZ Appraisal 989. SOLITEX EXTASANA ADHERO® has a release paper which is cut 250mm from the top edge for ease of application. SOLITEX EXTASANA ADHERO® can be used in all NZS 3604 wind zones up to, and including, 'extra high' when applied over a suitable rigid substrate.

Delivery Form

| ID CODE | LENGTH | WIDTH | AREA | KG/ROLL | QTY |
|----------|--------|-------|-------------------|---------|-----|
| 1AR01968 | 30.0 m | 1.5 m | 45 m ² | 12 | 1 |



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| Procedure | Property | AAMA 711 TEST DATA | | |
|-------------|--|--|--------------------------------|-------------|
| | | Configuration | Required | PASS / FAIL |
| Section 5.1 | Tensile Strength ASTM D5034 | Machine | ≥0.5 N/mm | Pass |
| | | Cross | ≥0.5 N/mm | Pass |
| | | Overall | ≥0.5 N/mm | Pass |
| Section 5.2 | Water penetration 30.5 mm, 24 hrs | Control / OSB | No leaks | Pass |
| | | Thermal Cycling / OSB | No leaks | Pass |
| Section 5.3 | Peel Adhesion ASTM D3330 Curing: 24 hrs, 23°C, 50% RH Peel: 500N, 5.0 mm/s 90° Peel Force | OSB | ≥0.26 N/mm | Pass |
| | | Aluminium | ≥0.26 N/mm | Pass |
| | | Vinyl | ≥0.26 N/mm | Pass |
| | | Plywood | ≥0.26 N/mm | Pass |
| | | Tape Facing | ≥0.26 N/mm | Pass |
| | | KalsiClad Fibre Cement | ≥0.26 N/mm | Pass |
| | | James Hardie RAB Board | ≥0.26 N/mm | Pass |
| | | Shera Fibre Cement | ≥0.26 N/mm | Pass |
| | | CHH ECOPLY® Barrier DD H3.2 CCA with Coating | ≥0.26 N/mm | Pass |
| | | CHH ECOPLY® Structural Roofing DD H3.2 CCA | ≥0.26 N/mm | Pass |
| | | CHH ECOPLY® Square Edge CD H3.1 LOSP | ≥0.26 N/mm | Pass |
| | | CHH ECOPLY® Square Edge CD H3.2 CCA | ≥0.26 N/mm | Pass |
| | | Strand Board Juken NZ | ≥0.26 N/mm | Pass |
| | | GIB® Weatherline | ≥0.26 N/mm | Pass |
| | | OSB IBS | ≥0.26 N/mm | Pass |
| | | Eterpan Fibre Cement | ≥0.26 N/mm | Pass |
| | | USG Boral Secure rock | ≥0.26 N/mm | Pass |
| Section 5.4 | Peel Adhesion ASTM D3330 | After UV Aging ASTM G154, 336 hours | ≥0.26 N/mm | Pass |
| Section 5.5 | Peel Adhesion ASTM D3330 | After 50°C Exposure, 7 days | ≥0.26 N/mm | Pass |
| Section 5.6 | Peel Adhesion ASTM D3330 | Thermal Cycling: 10 cycles, 8 hours 50°C, 16 hours -40°C | ≥0.26 N/mm | Pass |
| Section 5.7 | Cold Pliability | ASTM C765, -18°C Exposure | No cracking / adhesion loss | Pass |
| Section 5.8 | Peel Adhesion ASTM D3330 | Water Pre-Immersion | ≥0.26 N/mm | Pass |
| | | Water Post-Immersion, 7 days | ≥0.26 N/mm | Pass |
| Section 5.9 | Peel Resistance 50°C for 24 hrs Room temp for 24 hrs No peeling, buckling, rippling, or curling. | 50°C Exposure / OSB | N/A | Pass |
| | | 50°C Exposure / CMU | N/A | Pass |
| | | 50°C Exposure / Concrete | N/A | Pass |
| | | 50°C Exposure / DensGlas Gold | N/A | Pass |
| | | 50°C Exposure / Plywood | N/A | Pass |

*JFH: Thermoplastic Elastomer F-thyl Ester, *MVR: Mean vapour transmission rate, *MD / CD: Machine direction / cross direction, *Performance characteristics will be modified by the rigid substrate

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by pro clima to evaluate SOLITEX EXTASANA ADHERO® in accordance with AAMA 711. AAMA 711-2020 is a Voluntary Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products. Results obtained are tested values and were secured by using the designated test methods. Testing was conducted at the Intertek B&C test facility in York, Pennsylvania.



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