



# 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 <sup>2</sup>	AS/NZS 4201.6:1994	
	Pass (> 100 g/m <sup>2</sup> )	NZS 2295-2006A1	
Flammability index:	< 5	AS 1530.2-1993	
	Fire Retardant	NZS 2295-2006A1	
Edge tear:	MD / CD†	Depends on Substrate <sup>^</sup>	TAPPI T470
Tensile strength:	MD / CD†	Depends on Substrate <sup>^</sup>	AS 1302.448s:1991
Air resistance (air control):	≥ 0.1 MN.s/m <sup>3</sup>		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 <sup>2</sup> ± 5 g/m <sup>2</sup>		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

\*TEEE: 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 <sup>2</sup>	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

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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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