pro clima SOLITEX EXTASANA ADHERO®

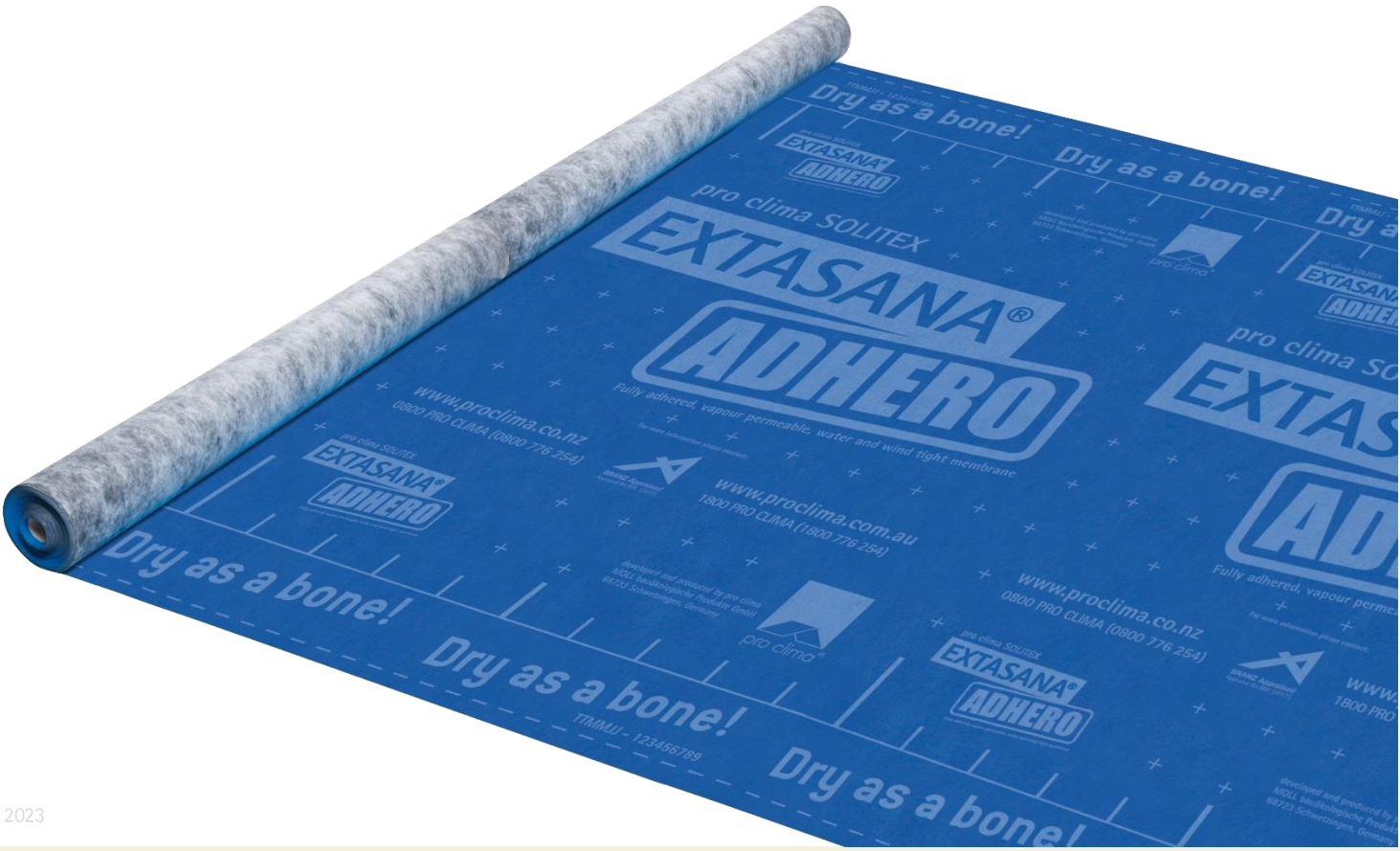
Self-Adhesive Weather Resistive Barrier

SOLITEX EXTASANA ADHERO® provides the ultimate weather protection layer for your walls and roofs under all conditions. When fully adhered to rigid substrates, it provides protection 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

Declare.

Red List Free



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Technical Data

Cover fleece + protective layer:		PP microfibre fleece	
Membrane:		Monolithic TEEE film⁺	
Adhesive:		Special acrylate adhesive	
UV stability and outdoor exposure:		180 Days	ASTM G154
Duty classification:		Depends on substrate*	AS/NZS 4200.1-2017
Vapour classification:		Depends on substrate*	AS/NZS 4200.1-2017
Thickness:		0.70 mm ± 0.05 mm	EN 1489-2
Flammability index:		< 5	AS 1530.2-1993
Temperature resistance:		-40 °C to +100 °C	
Heat shrinkage @ 70°C:		0.0%, 0.0%	ASTM D1204
Edge tear:	MD / LD	Depends on substrate*	TAPPI T470
Tensile strength:	MD / LD	Depends on substrate*	AS 1301.448s-1991
Burst strength:		Depends on substrate*	AS 2001.2.19-1988
Vapour permeance:		Depends on substrate*	ASTM E96 Method B
Water control:		10,000 mm	EN 20811
		Pass (> 100 mm)	AS/NZS 4201.4-1994
		Water barrier	AS/NZS 4200.1-2017
Emittance:	Front / Back	0.9 / 0.9	AS/NZS 4200.1-2017
	Classification	NN	AS/NZS 4200.1-2017
Surface water absorbency:		> 150 g/m²	AS/NZS 4201.6-1994
		High (> 100 g/m²)	AS/NZS 4200.1-2017
Air control:		≥ 0.1 MNs/m³	ISO 5636.5, BS 6538.3
		Air barrier	AS/NZS 4200.1-2017
Moisture shrinkage:		N/A (fully adhered membrane)	AS/NZS 4201.3
Surface weight:		240 g/m² ± 5 g/m²	EN 1489-2
Electrical conductivity:		Electrically non-conductive	AS/NZS 4200.1 - 2017

*ˆTEEE: Thermoplastic Elastomer Ethyl Ester, *Performance characteristics will be modified by the rigid substrate*

IMPORTANT INFORMATION

- This product is deemed non-combustible⁺ as it is less than 1mm thick with low flammability.
- 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.

⁺According to NCC Vol 1 C1.9 & NCC Vol 2 3.7.1.1

PRODUCT DESCRIPTION

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

This product is suitable for use in BAL regions 12.5 to 40 in accordance with AS 3959. Wherever non-combustible material is required by the NCC it should be noted that this product is less than 1mm thick and has a flammability index of less than 5.

Delivery Form

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR01968	30.0 m	1.5 m	45 m²	12	1

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Self-Adhesive Weather Resistive Barrier

AAMA 711 TEST DATA				
Procedure	Property	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
		WEATHER DEFENCE™ - Siniat	≥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

**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*

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.