



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.



19 02 2024



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Technical Data			
Cover fleece + protective layer:	Polypropylene microfibre		
Membrane:	Monolithic TEEE* film		
Adhesive:	Special acrylate adhesive		
Release film	Silicone-coated PE film		
UV stability and outdoor exposure:	180 Days	ASTM G154	
Duty classification:	Depends on substrate**		
Vapour classification:	Depends on substrate**		
Thickness:	0.70 mm ± 0.05 mm	EN 1849-2	
Flammability index:	< 5	AS 1530.2:1993	
Temperature resistance:	-40 °C to +100 °C		
Heat shrinkage @ 70°C:	MD / LD	0.0% / 0.0%	ASTM D1204:2014
Edge tear:	MD / LD	Depends on substrate**	
Tensile strength:	MD / LD	Depends on substrate**	
Burst strength:	Depends on substrate**		
Vapour permeance:	Depends on substrate**		
Water control:	10,000 mm		EN ISO 811:2018
	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/m ²		AS/NZS 4201.6:1994
	High (> 100 g/m ²)		AS/NZS 4200.1:2017
Air control:	≥ 0.1 MNs/m ³		ISO 5636.5:2013, BS 6538.3
	Air barrier		AS/NZS 4200.1:2017
Moisture shrinkage:	N/A (fully adhered membrane)		AS/NZS 4201.3:1994
Surface weight:	240 g/m ² ± 5 g/m ²		EN 1849-2
Electrical conductivity:	Electrically non-conductive		AS/NZS 4200.1:2017

*TEEE: Thermoplastic Elastomer Ether 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 and has flammability index below 5.
- 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 2019 Vol 1 C1.9 (e)(vi), NCC 2019 Vol 2 3.7.1.1(f), NCC 2022 Vol 1 C2D10 (6)(f) & NCC 2022 Vol 2 H3D2 (1)(f)

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 layer of acrylate adhesive 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 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 H3.2 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

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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