



# Certificate of Conformity

## Certification Body:



SAI Global Certification Services Pty Limited

(ACN 108 716 669) Trading as "SAI Global"

JAS-ANZ Accreditation No. Z1440295AS

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## Certificate Holder:



Weathertex® Pty Ltd

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SAI Global Certification Services

Heather Mahon  
Global Head of Technical Services  
SAI Global Assurance

Quintin Kleyn – Unrestricted Building Certifier

Certificate number: CM20189

## THIS IS TO CERTIFY THAT

### Weathertex® Selflok weatherboard and Weathergroove panel cladding systems

#### Type and/or use of product:

Selflok weatherboard and Weathergroove panel are for use in external applications. The product is suitable for use in residential and light commercial type buildings. The product is installed as a direct fix and cavity fix for timber framing and for steel framing only as a cavity fix.

#### Description of product:

Selflok weatherboard and Weathergroove panels are external cladding systems. The cladding system incorporates internal and external corner accessories, joiners and flashings for all openings and penetrations. Refer to A2 of this certification for more information.

## COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S)

BCA 2019

	Volume One	Volume Two
Performance Requirement(s)	BP1.1(a) limited to (b)(i)(iii) FP1.4	P2.1.1(a) limited to (b)(i)(iii) P2.2.2
Deemed-to-Satisfy Provision(s):	G5.1 & G5.2	3.10.5.0(c)
State or territory variation(s):	NSW G5.1 & G5.2 QLD G5.1	NSW 3.10.5.0 QLD 3.10.5.0
	Structural reliability Weatherproofing Construction in bushfire prone areas (up to and including BAL 19)	Structural reliability and resistance Weatherproofing Construction in bushfire prone areas
	Construction in bushfire prone areas Protection Construction in bushfire prone areas Construction requirements	Construction in bushfire prone areas Construction in bushfire prone areas

Date of issue: 10/12/2020

Date of expiry: 09/12/2023



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**SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B**

**Limitations and conditions:**

1. Selflok weatherboard and Weathergroove panel cladding systems to be installed in accordance with Weathertex External Cladding Installation Manual 2020 Version C161020 (dated 16 October 2020)
2. For Class 2 to Class 9 buildings, Selflok weatherboard and Weathergroove panel cladding systems are suitable for use only on Type C Fire resisting construction.
3. Selflok weatherboard and Weathergroove panel cladding systems may be used on walls required to have an FRL, provided the method of the attachment in the following documents does not compromise the fire resistance of the wall required by the relevant parts of BCA:
  - a) Weathertex External Cladding Installation Manual 2020 Version C161020 (dated 16 October 2020)
  - b) Selflok Cavity Construction Details Ver. 200415CDSL, Dated 15th April 2020
  - c) Selflok Direct Fix Construction Details Ver. 200415CDSL, Dated 15th April 2020
  - d) Weathergroove Cavity Construction Details Ver. 200415CDWGC, Dated 15th April 2020
  - e) Weathergroove Direct Fix Construction Details Ver. 200415CDSL, Dated 15th April 2020
4. Selflok weatherboard and Weathergroove panel cladding systems are suitable for use on buildings constructed in accordance with AS 3959:2018 that have a Bushfire Fire Attack Level up to and including BAL 19
5. Selflok weatherboard and Weathergroove panel cladding systems may be used in wind regions up to and including N4 and C2, and must be fixed in accordance with Weathertex External Cladding Installation Manual 2020 Version C161020 (dated 16 October 2020)
6. The timber framing is to be in accordance with AS1684- 2010 series as applicable. Steel framing is to be in accordance with either AS4100-1998 (+A1) for steel structures, or AS/NZS4600-2018 for Cold-form steel structures, or the NASH Standard as applicable.
7. Wall wraps and sarking materials must be selected and installed in accordance with Weathertex External Cladding Installation Manual 2020 Version C161020 (dated 16 October 2020)
8. The Selflok weatherboard and Weathergroove panel cladding systems have been tested for weatherproofing requirements and achieved the following results:
  - a) Direct fix: Serviceability limit state wind pressure up to +1 kPa and – 1.5 kPa water penetration
  - b) Cavity fix: Serviceability limit state wind pressure up to +1 kPa and – 1.5 kPa water penetration
9. The product has not been assessed for use in internal applications.
10. Product must be used for its intended purpose

**Building classification/s:**

- Volume 1 – Class 2 to Class 9 buildings  
Volume 2 – Class 1 and Class 10a buildings

**Scope of certification:** The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website [www.abcb.gov.au](http://www.abcb.gov.au). This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the certificate holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.

**Disclaimer:** The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate.

## APPENDIX A – PRODUCT TECHNICAL DATA

### A1 Type and intended use of product

Refer to Page 1 of this certificate.

### A2 Description of product

Refer to Page 1 of this certificate and the following:

Selflok weatherboards are routed during manufacturing with a self-locking feature to allow each board to accurately align above one another to provide a clean and neat finish.

Weathergroove panels (9.5mm thick) have vertical grooves with rebated edges. Panels are installed vertically combined with Weathergroove joiners which provide a hidden vertical panel joint. Weathergroove panels with natural finish can also be installed using the traditional butt join installation method.

Selflok weatherboard and Weathergroove panels are supplied either as pre-primed or in a natural timber finish.












### A3 Product specification

Selflok weatherboard are available in a range of finishes, with each board size of 3660mm x 298mm x 9.5mm as per the below product range:

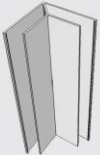


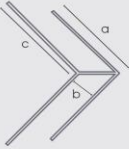


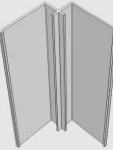

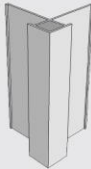
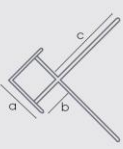





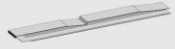
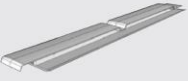
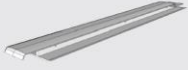
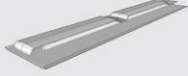


^ Refers to groove spacing

Weathergroove panel are manufactured in various sizes and product range as per below:

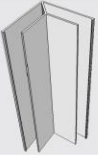
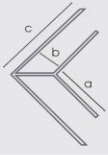




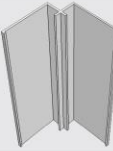
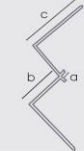

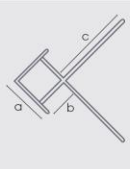

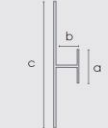
					
<b>WEATHERGROOVE 75 SMOOTH</b>	<b>WEATHERGROOVE 75 WOODSMAN</b>	<b>WEATHERGROOVE 150 SMOOTH</b>	<b>WEATHERGROOVE 150 RUFF-SAWN</b>	<b>WEATHERGROOVE 150 WOODSMAN</b>	<b>WEATHERGROOVE 300 SMOOTH</b>
3660mm x 1196mm	3660mm x 1196mm	3660mm x 1196mm 2745mm x 1196mm 2440mm x 1196mm	3660mm x 1196mm	3660mm x 1196mm 2745mm x 1196mm 2440mm x 1196mm	3660mm x 1196mm 2745mm x 1196mm
					
<b>WEATHERGROOVE 600 SMOOTH</b>	<b>WEATHERGROOVE 1200 SMOOTH</b>	<b>WEATHERGROOVE 75 NATURAL</b>	<b>WEATHERGROOVE 150 NATURAL</b>	<b>WEATHERGROOVE 300 NATURAL</b>	
3660mm x 1196mm	3660mm x 1196mm 2745mm x 1196mm	3660mm x 1196mm	3660mm x 1196mm	3660mm x 1196mm	




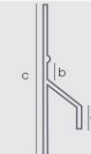
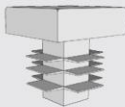
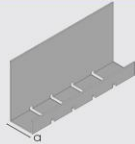

Selflok weatherboard accessories:

TRIMTEC ACCESSORIES <small>*Made from anodised aluminium</small>			
PRODUCT	PRODUCT IMAGE	LINE DRAWING	DIMENSION
SMALL INTERNAL LF CORNER			L = 3660mm a = 27mm b = 11mm c = 55mm
SMALL EXTERNAL LF CORNER			L = 3660mm a = 27mm b = 11mm c = 31mm
SMALL END STOP			L = 3660mm a = 27mm b = 11mm c = 45mm
SMALL INTERNAL CORNER			L = 3660mm a = 4mm b = 11mm c = 35mm
SMALL EXTERNAL CORNER			L = 3660mm a = 17mm b = 11mm c = 35mm
LONG VERTICAL JOINER			L = 3660mm a = 20mm b = 70mm

WEATHERTEX ACCESSORIES <small>*Made from Polycarbonate / ABS</small>			
MILLWOOD JOINERS		Available in Smooth & Ruff-Sawn	For traditional joining of Selflok Millwood 300mm weatherboards
COLONIAL JOINERS			For traditional joining of Selflok Colonial Smooth
ECOGROOVE 150 JOINERS		Available in Smooth & Woodsman	For traditional joining of Selflok Ecogroove 150 Smooth or Woodsman.
ECOGROOVE 300 JOINERS		Available in Smooth & Woodsman	For traditional joining of Selflok Ecogroove 300 Smooth, or Woodsman.
TEXWOOD JOINERS			For traditional joining of Selflok Texwood Smooth
CAVITY WALL SYSTEM (Optional)			
CAVITY CLOSER		CAVITY BATTENS	
L = 1830mm a = Lrg 20mm = Sml 10mm		1220mm x 45mm 9,5mm thickness For all cavity constructions	

## Weathergroove panel accessories:

TRIMTEC ACCESSORIES *Made from anodised aluminium			
PRODUCT	PRODUCT IMAGE	LINE DRAWING	DIMENSION
SMALL INTERNAL LF CORNER			L = 3660mm a = 27mm b = 11mm c = 55mm
SMALL EXTERNAL LF CORNER			L = 3660mm a = 27mm b = 11mm c = 31mm
SMALL END STOP			L = 3660mm a = 27mm b = 11mm c = 45mm
SMALL INTERNAL CORNER			L = 3660mm a = 4mm b = 11mm c = 35mm
SMALL EXTERNAL CORNER			L = 3660mm a = 17mm b = 11mm c = 35mm
WEATHERGROOVE JOINER			L = 3660mm a = 12mm b = 5mm c = 50mm

TRIMTEC ACCESSORIES *Made from anodised aluminium			
PRODUCT	PRODUCT IMAGE	LINE DRAWING	DIMENSION
Z FLASHING An alternative for general horizontal joins			L = 3660mm a = 27mm b = 10mm
SMALL Z FLASHING For general horizontal joins			L = 3670mm a = 10mm b = 10mm c = 74mm
SMALL CORNER PLUG		Use with the Small external corner	
CAVITY WALL SYSTEM (Optional)			
CAVITY CLOSER L = 1830mm a = Lrg 20mm = Sml 10mm		CAVITY BATENS 1220mm x 45mm 9.5mm thickness For all cavity constructions	



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## A4 Manufacturer and manufacturing plant(s)

Weathertex Pty Ltd – Manufactured in 470 Masonite Road, Heatherbrae, NSW, 2324, Australia

## A5 Installation requirements

Refer to 'limitations and conditions' section of this certificate.

The spans of the cladding panels shall be continuous spans of 2 spans or greater. Simply supported spans are not permitted.

## A6 Other relevant technical data

- **Warringtonfire, Fire assessment report, Steel or timber framed plasterboard walls cladded with Weathertex boards to AS1530.4:2014, Report No: FAS200116 R2.1 (dated 23 November 2020)**

*This assessment report concludes that the fixing of Weathertex 9.5mm cladding (direct fix or via battens) to a timber or steel framed wall system with an established FRL of 30/30/30, 60/60/60, or 90/90/90 is not likely to have a detrimental effect on the FRL of the underlying wall system, if tested in accordance with AS 1530.4-2014. The assessment does not investigate the implications of using Weathertex 9.5mm cladding on the structural behaviour of underlying wall systems under extended applications such as increased wall height.*

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

The product has been assessed as complying with the identified Performance Requirements of the BCA 2019. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. Structural assessment:
  - Volumes 1 & 2 - A2.2(2)(a) / A5.2(1)(d) - A report issued by an Accredited Testing Laboratory - James Cook University (NATA accreditation No. 14937)
  - Volumes 1 & 2 - A2.2(2)(a) / A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person – David Beneke consulting
2. Weatherproofing assessment:
  - Volumes 1 & 2 - A2.2(2)(a) / A5.2(1)(d) - A report issued by an Accredited Testing Laboratory – Ian Bennie & Associates (NATA accreditation No. 2371)
  - Volumes 1 & 2 - A2.2(2)(a) / A5.2(1)(e) – A certificate or report from a professional engineer or other appropriately qualified person – Acronem Consulting Australia Pty Ltd.
3. Bushfire assessment:
  - Volume 1 & 2 - A2.2(3)(a) / A5.2(1)(e) – A certificate or report from a professional engineer or other appropriately qualified person – EWPA

### B2 Reports

Evaluation methods	Supporting Evidence as listed below
Structural assessment	Numbers 1 – 6
Weatherproofing assessment	Numbers 7 – 12
Bushfire assessment	Numbers 13 & 14

### Structure

1. **James Cook University, Cyclone Testing Station, Static Simulated Wind Load Strength Testing of Weatherboard Plank Variations, Report No: TS1151 (dated 19 September 2019)**  
*This report provides the results to testing of various Weathertex planks including Selflok 9.5mm to the requirements of AS 4040.2 and determines that the product can withstand non-cyclonic wind conditions with an Ultimate Limit State Design Wind Capacity (ULS) of 3.51kPa when installed with 600mm stud spacings and fixed with 62mm stainless steel brad nails.*
2. **James Cook University, Cyclone Testing Station, Static and Cyclic Simulated Wind Load Strength Testing of Selflok Weatherboards, Report No: TS1133 (dated 19 March 2019)**  
*This report provides the results to testing Selflok 9.5mm to the requirements of AS 4040.2 and determines that the product can withstand non-cyclonic wind conditions with an Ultimate Limit State Design Wind Capacity (ULS) of 4.34 kPa when installed with 600mm stud spacings and 45 x 2.5mm Ring Shank nails.*



- 3. James Cook University, Cyclone Testing Station, Static Simulated Wind Load Strength Testing of Weathergroove Architectural Panels, Report No: TS1136 (dated 19 March 2019)**  
*This report provides the results to testing Weathergroove 9.5mm to the requirements of AS 4040.2 and determines that the product can withstand non-cyclonic wind conditions with an Ultimate Limit State Design Wind Capacity (ULS) of between 2.32 kPa and 3.96 when installed with 600mm stud spacings and various panel joiners and fixings.*
- 4. James Cook University, Cyclone Testing Station, Static and Cyclic Simulated Wind Load Strength Testing of Weathergroove Architectural Panels, Report No: TS1152 (dated 19 September 2019)**  
*This report provides the results to testing Weathergroove 9.5mm to the requirements of AS 4040.2 and determines that the product can withstand:*
  - a.** *non-cyclonic wind conditions with an Ultimate Limit State Design Wind Capacity (ULS) of 1.13kPa when fixed to 0.55mm BMT Steel Framing with 600m spacing and 10 gauge 24 tpi x 50mm Philips head drive Class 3 screws*
  - b.** *non-cyclonic wind conditions with an Ultimate Limit State Design Wind Capacity (ULS) of 2.91kPa when fixed to timber framing with 600mm spacing and 62mm stainless steel brad nails*
  - c.** *cyclonic Ultimate Limit State Design Wind Capacity (ULS) of 4.02 kPa when fixed to timber frame with 450mm stud spacing using ND50 SS Brad nails.*
- 5. David Beneke Consulting, CERTIFICATION OF WEATHERTEX WEATHERGROOVE AND ECOWALL CLADDING SYSTEMS, REVISION 3, Ref: 2020-16-LO-40 (dated 11 May 2020)**  
*This certification provides the opinion that Weathertex Weathergroove cladding system meets the wind load requirements as outlined in AS1170.2-2011 and AS 4055-2012.*
- 6. David Beneke Consulting, CERTIFICATION OF WEATHERTEX SELFLOK WEATHERBOARD CLADDING SYSTEM, REVISION 2, Ref: 2020-16-LO-59 (dated 03 August 2020)**  
*This certification provides the opinion that Weathertex Selflok weatherboard cladding system meets the wind load requirements as outlined in AS1170.2-2011 and AS 4055-2012.*

## Weatherproofing

- 7. Ian Bennie & Associates, Weathergroove Specimen tests to NCC-2019 Verification Methods FV1 and V2.2.1, Test Report No. 2019-083-S1 (dated June 2020)**  
*This report provides test results to testing of Weathertex Weathergroove to the requirements of AS/NZS 4284:2008 and confirms that the product passed all compliance requirements of FV1 and V2.2.1*
- 8. Ian Bennie & Associates, Selflok Specimen tests to NCC-2019 Verification Methods FV1 and V2.2.1, Test Report No. 2019-083-S2 (dated June 2020)**  
*This report provides test results to testing of Weathertex Selflok to the requirements of AS/NZS 4284:2008 and confirms that the product passed all compliance requirements of FV1 and V2.2.1*
- 9. Ian Bennie & Associates, Selflok Cladding System – Cavity Fixed Specimen tests to NCC-2019 Verification Methods FV1 and V2.2.1, Test Report No. 2019-083-S3 (dated June 2020)**  
*This report provides test results to testing of Weathertex Selflok Cladding system – Cavity fixed to the requirements of AS/NZS 4284:2008 and confirms that the product passed all compliance requirements of FV1 and V2.2.1*
- 10. Ian Bennie & Associates, Weathergroove – Cavity Fixed Specimen tests to NCC-2019 Verification Methods FV1 and V2.2.1, Test Report No. 2019-083-S4 (dated July 2020)**  
*This report provides test results to testing of Weathertex Weathergroove – Cavity Fixed to the requirements of AS/NZS 4284:2008 and confirms that the product passed all compliance requirements of FV1 and V2.2.1*
- 11. Acronem Consulting Australia Pty Ltd, Weathergroove External Wall Cladding System (Cavity & Direct Fix) NCC 2019 Weatherproofing Appraisal, Report No. ACA-200311 (dated 14 August 2020)**



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*This report provides the opinion of Acronem Consulting on the suitability of Weathertex Weathergroove for use as weatherproofing and concludes that the product meets the performance requirements of the NCC 2019, FP1.4 and P2.2.2*

**12. Acronem Consulting Australia Pty Ltd, Selflok External Wall Cladding System (Cavity & Direct Fix) NCC 2019 Weatherproofing Appraisal, Report No. ACA-200313 (dated 14 August 2020)**

*This report provides the opinion of Acronem Consulting on the suitability of Weathertex Selflok for use as weatherproofing and concludes that the product meets the performance requirements of the NCC 2019, FP1.4 and P2.2.2*

**Resistance to Bushfire Attack**

**13. EWPA, Declaration of AS3959 BAL19 Claim for Weathertex (dated 30 July 2015)**

*This declaration confirms that Weathertex 9.5mm product meet the requirements for external cladding in bushfire prone areas up to and including BAL 19 in accordance with AS3959.*

**14. EWPA, AS 4704 Chain of Custody for Forest Based Products (dated 13 Dec 2018)**

*This CoC certificate confirms that the Weathertex products are made from the mentioned species in EWPA Declaration of AS 3959 as per item 13*