



# Certificate of Conformity



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**Certificate Holder:**

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Certificate number: CM30050 Rev4

**THIS TO CERTIFY THAT**

## Pronto Panel Multi-storey Internal Wall & Low-rise Intertenancy Wall System

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

Pronto Panel Multi-Residential Internal Wall System is non-load bearing and suitable for use as certain separating walls of class 2 and 3 buildings.

Pronto Panel Low-rise Intertenancy Wall System is load-bearing and suitable for use as separating walls of class 1 buildings.

**Description of product:**

Pronto Panels are 610 mm wide, 2,440 to 3,000 mm long and have an overall thickness of 60 mm. The long edges have a tongue and groove profile, all other edges are flat. The Pronto Panel core consists of aggregates bonded into a cementitious matrix. Both faces of the core are laminated with a 5 mm thick calcium silicate board.

Pronto Panels are included with other components to form the wall systems listed below. Refer to A3 for components.

- Intertenancy Wall 1, Corridor Wall 3 & Internal Partition Wall 5 for Multi-storey Internal Walls in class 2 & 3 buildings
- Wall type LR01, LR03, LR05, LR07 & LR09 for Low Rise Intertenancy Walls in class 1 buildings

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

**BCA 2019**

	Volume One	Volume Two	
<b>Performance Requirement(s)</b>	BP1.1 (a) & (b) (i, ii, iii, iv, x, xi, xii)	Structural Reliability	P2.1.1 (a), (b) (i, ii, iii, iv, x, xi, xii, xiii(A)) & (c)
	BP1.2	Structural Resistance	Structural stability and resistance

**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.

The purpose of Global-Mark **construction site audits** is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In placing the **CodeMark mark** on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein. In issuing this Certificate of Approval Global-Mark has relied on the **expertise of external bodies** (laboratories, and technical experts).

**Herve Michoux**  
Global-Mark Managing Director

**Peter Gardner**  
Unrestricted Building Certifier

**Date of issue: 01/08/2019**

**Date of expiry: 04/07/2021**



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<b>Deemed-to-Satisfy Provision(s):</b>	A5.4	Fire Resistance of Building Elements		
	C1.9	Non-Combustible Material		
	Specification C1.1	Fire Resisting Construction	3.7.3.2	Fire protection of separating walls
	F5.5	Sound insulation rating of walls	3.8.6.2	Sound Insulation requirements
<b>State or territory variation(s):</b>	NT F5.4 & NT F5.5	Sound Insulation	NT 3.8.6.2	Sound Insulation requirements
<b>SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B</b>				
<b>Limitations and conditions:</b>				<b>Building classification/s:</b>
<b>Volume One – BP1.1 (a), (b) (i, ii, iii, iv, x, xi, xii) &amp; BP1.2:</b> When designed & constructed in accordance with Pronto Panel Multi-Storey Internal Technical Manual – February 2018, Ver 4.0, the following apply: <ol style="list-style-type: none"> <li>1. The wall height shall not exceed 3,000 mm;</li> <li>2. Panels shall be vertically aligned and shall not contain horizontal joints; and</li> <li>3. The head and base of wall shall be fixed to concrete structure only.</li> <li>4. Steel stud frames shall be in accordance with AS/NZS 4600</li> <li>5. System components or design of details not covered by the Technical Literature is subject to specific design and are outside of the scope of this Certificate</li> </ol>				<b>Class 2 &amp; 3</b>
<b>Volume One – C1.9</b> Pronto Panels may be used where non-combustible materials are required.				<b>Class 2 &amp; 3</b>
<b>Volume One – Specification C1.1:</b> When designed & constructed in accordance with Pronto Panel Multi-Storey Internal Technical Manual – February 2018, Ver 4.0 and subject to a fire source, the following FRL's apply for internal non-load bearing walls: <ul style="list-style-type: none"> <li>• –/120/120 for Intertenancy Wall 1</li> <li>• –/60/60 for Corridor Wall 3</li> <li>• –/60/60 for Partition Wall 5</li> </ul> Openings (including doors), penetrations, chases and/or recesses in any part of the wall system fall outside the scope of this certification. The intersection of Pronto Panel wall systems with walls of other material types fall outside the scope of this certification. This applies to the termination of Pronto Panel walls at external facades, concrete columns, other wall systems or the like.				<b>Class 2 &amp; 3</b>
<b>Volume One – F5.5:</b> When designed & constructed in accordance with Pronto Panel Multi-Storey Internal Technical Manual – February 2018, Ver 4.0, the following sound insulation ratings apply: <ul style="list-style-type: none"> <li>• <math>R_w + C_{tr} = 50</math> and discontinuous construction for Intertenancy Wall 1</li> <li>• <math>R_w = 50</math> for Corridor Wall 3</li> </ul>				<b>Class 2 &amp; 3</b>

# Certificate of Conformity

<p><b>Volume Two – P2.1.1 (a), (b) (i, ii, iii, iv, x, xi, xii, xiii(A)) &amp; (c):</b> When designed &amp; constructed in accordance with Pronto Panel Low-rise Intertenancy Wall Technical Manual – August 2018, Ver 2.0, the following apply:</p> <ol style="list-style-type: none"> <li>1. Panels shall be vertically aligned and horizontal joints in panels shall only occur within the floor joist or ceiling space zone;</li> <li>2. Floor to ceiling height of stud frames either side of the Pronto Panels shall not exceed 3,000mm; and</li> <li>3. Overall height of stacked Pronto Panels shall not exceed 8,000mm.</li> <li>4. The stud framing shall be in accordance with the relevant standard:             <ul style="list-style-type: none"> <li>o For timber – AS 1720 Part 1 and AS 1684 Parts 2 or 3</li> <li>o For steel – AS/NZS 4600 or NASH</li> </ul> </li> <li>5. System components or design details not covered by the Technical Literature is subject to specific design and are outside of the scope of this Certificate.</li> </ol>	<p><b>Class 1</b></p>
<p><b>Volume Two – 3.7.3.2:</b> When designed &amp; constructed in accordance with Pronto Panel Low-rise Intertenancy Wall Technical Manual – August 2018, Ver 2.0 and subject to a fire source, the following shall apply:</p> <ol style="list-style-type: none"> <li>1. Intertenancy Wall types LR01, LR03, LR05, LR07, LR09 achieve an FRL of 60/60/60</li> <li>2. Intertenancy Wall types LR02, LR04, LR06, LR08, LR010 &amp; LR11 are outside the scope of this certificate</li> <li>3. Overall height of stacked Pronto Panels shall not exceed 8,000mm.</li> <li>4. System components or design details not covered by the Technical Literature is subject to specific design and are outside of the scope of this Certificate.</li> <li>5. Openings (including doors), penetrations, chases and/or recesses in any part of the wall system fall outside the scope of this certification.</li> <li>6. The intersection of Pronto Panel wall systems with walls of other material types fall outside the scope of this certification. This applies to the termination of Pronto Panel walls at external walls, concrete columns, other wall systems or the like.</li> </ol>	<p><b>Class 1</b></p>
<p><b>Volume Two – 3.8.6.2:</b> When designed &amp; constructed in accordance with Pronto Panel Low-rise Intertenancy Wall Technical Manual – August 2018, Ver 2.0 the following sound insulation ratings apply:</p> <ul style="list-style-type: none"> <li>• <math>R_w + C_{tr} \geq 50</math> and discontinuous construction for wall types LR01, LR03, LR05, LR07 &amp; LR09</li> </ul>	<p><b>Class 1</b></p>
<p><b>General:</b> Product selection and incorporation into the building design shall be made by a professional Architect or Engineer or other appropriate person who has qualifications and experience acceptable to the relevant approval authorities and ready access to:</p> <ol style="list-style-type: none"> <li>1. Pronto Panel Multi-Storey Internal Technical Manual – February 2018, Ver 4.0 (where relevant to the building under consideration), &amp;</li> <li>2. Pronto Panel Low-rise Intertenancy Wall Technical Manual – August 2018, Ver 2.0, (where relevant to the building under consideration); &amp;</li> <li>3. Standards referenced in this certificate and the above technical manuals.</li> </ol>	<p><b>Class 1, 2 &amp; 3</b></p>
<p><b>General:</b> Product installation shall be carried out by a competent tradesperson under the direction of a Builder, both of whom have ready access to:</p> <ol style="list-style-type: none"> <li>1. Pronto Panel Multi-Storey Internal Technical Manual – February 2018, Ver 4.0 (where relevant to the building under consideration), &amp;</li> <li>2. Pronto Panel Low-rise Intertenancy Wall Technical Manual – August 2018, Ver 2.0, (where relevant to the building under consideration).</li> </ol>	<p><b>Class 1, 2 &amp; 3</b></p>
<p><b>General:</b> Installers must complete, sign and send to the Certificate Holder a Certificate of Installation when installation is completed.</p>	<p><b>Class 1, 2 &amp; 3</b></p>

## 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.

### A3 Product specification

The table below outlines the Pronto Panel material properties.

Pronto Panel Material Properties					
Panel size	Panel weight	Ultimate wind load capacity	Ultimate bending capacity	Dry Density	Water Absorption
2,440 x 610 x 60 ± 5 mm	77 ± 5-kg	1.05-kPa	0.78 kN.m/m	770 kg/m <sup>3</sup>	<5%
2,700 x 610 x 60 ± 5 mm	85 ± 5-kg	0.86-kPa			
2,850 x 610 x 60 ± 5 mm	90 ± 5-kg	0.77-kPa			
2,880 x 610 x 60 ± 5 mm	91 ± 5-kg	0.75-kPa			
3,000 x 610 x 60 ± 5 mm	95 ± 5-kg	0.70-kPa			

The components for each of the wall systems are listed in the tables below:

Multi-Storey Internal Wall System Components			
Wall Type	Intertenancy Wall 1	Corridor Wall 3	Partition Wall 5
Components	13 mm standard plasterboard Pronto Panel 20 mm air gap 64 mm steel studs 75 mm glasswool (11kg/m <sup>3</sup> ) 13 mm standard plasterboard	13 mm standard plasterboard Pronto Panel 40 mm cavity using 28 mm furring channel 50 mm glasswool (14kg/m <sup>3</sup> ) 13 mm standard plasterboard	Pronto Panel

## Appendix A3 cont'd

Low Rise Intertenancy Wall System Components					
Wall Type	LR01	LR03	LR05	LR07	LR09
Components	13 mm standard plasterboard	13 mm standard plasterboard	13 mm standard plasterboard	13 mm standard plasterboard	13 mm standard plasterboard
	70 mm x 35 mm timber studs	90 mm x 45mm timber studs	64 mm steel studs 0.50BMT	68 mm steel studs 1.00BMT	89-92 mm steel studs 0.75BMT
	90 mm glasswool (20-kg/m <sup>3</sup> )	90 mm glasswool (11kg/m <sup>3</sup> )	75 mm glasswool (11kg/m <sup>3</sup> )	90 mm glasswool (20kg/m <sup>3</sup> )	90 mm glasswool (20kg/m <sup>3</sup> )
	20 mm air gap	20 mm air gap	20 mm air gap	20 mm air gap	20 mm air gap
	60 mm Pronto Panel	60 mm Pronto Panel	60 mm Pronto Panel	60 mm Pronto Panel	60 mm Pronto Panel
	20 mm air gap	20 mm air gap	20 mm air gap	20 mm air gap	20 mm air gap
	70 mm x 35 mm timber studs	90 mm x 45mm timber studs	64 mm steel studs 0.50BMT	68 mm steel studs 1.00BMT	89-92 mm steel studs 0.75BMT
	90 mm glasswool (20-kg/m <sup>3</sup> )	90 mm glasswool (11kg/m <sup>3</sup> )	75 mm glasswool (11kg/m <sup>3</sup> )	90 mm glasswool (20kg/m <sup>3</sup> )	90 mm glasswool (20kg/m <sup>3</sup> )
	13 mm standard plasterboard	13 mm standard plasterboard	13 mm standard plasterboard	13 mm standard plasterboard	13 mm standard plasterboard

Note: 13 mm standard plasterboard shall have a density not less than 8.4 kg/m<sup>2</sup>

### A4 Manufacturer and manufacturing plant(s)

Brickworks Building Products

PO Box 6550,

Wetherill Park, NSW 1851

738 - 780 Wallgrove Road,

Horsley Park, NSW 2175

Tel: 02 9830 7800

[www.prontopanel.com.au](http://www.prontopanel.com.au)

### A5 Installation requirements

For separating walls of multi-storey buildings (class 2 & 3) refer to Pronto Panel Multi-Storey Internal Technical Manual February 2018, Ver 4.0 (item 1 listed in B2).

For separating walls of low rise residential buildings (class 1) refer to Pronto Panel Low Rise Intertenancy Walls Technical Manual August 2018, Ver 2.0 (item 2 listed in B2).

### A6 Other relevant technical data

Any referenced documents within the technical literature identified in Appendices A3 and A5.

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

The following assessment methods have been used to determine compliance with NCC 2019:

Code Clause	Assessment Method(s)	Evidence of suitability	Evidence reference in B2
Vol One - BP1.1 (a)(b)(i, ii, iii, iv, x, xi, xii)	Combination of A2.2 – 2 (a) & (c)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 3, 4, 5 & 6
Vol One - BP1.2	Combination of A2.2 – 2 (a) & (c)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 3, 4, 5 & 6
Vol One - A5.4	Combination of A2.3 – 2 (a) & (b)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 7, 8, 9, 12, 13, 14 & 15
Vol One – C1.9	A2.3 – 2 (a)	A5.2 – 1 (d) – Test Report	Items 12 & 13
Vol One - Specification C1.1	Combination of A2.3 – 2 (a) & (b)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 7, 8, 9, 12, 13, 14 & 15
Vol One - F5.5	Combination of A2.3 – 2 (a) & (b)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 6, 16, 17 & 18
Vol Two - P2.1.1 (a), (b) (i, ii, iii, iv, x, xi, xii, xiii(A)) & (c)	Combination of A2.2 – 2 (a) & (c)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 3, 4, 5 & 6
Vol Two - 3.7.3.2	Combination of A2.3 – 2 (a) & (b)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 10 & 11
Vol Two - 3.8.6.2	Combination of A2.3 – 2 (a) & (b)	Combination of A5.2 – 1 (d) & (e) – Test report and expert judgement	Items 6, & 18

### B2 Reports

The following reports have been used as evidence to determine compliance with NCC 2019:

Ref	Author	Reference	Date	Description	NATA Registration
1	Brickworks Building Products	Version 4.0	Feb 2018	Pronto Panel Multi-Storey Internal Technical Manual	-
2	Brickworks Building Products	Version 2.0	Aug 2018	Pronto Panel Low Rise Intertenancy Wall Technical Manual	-
3	Acronem Consulting Australia Pty Ltd	ACA-150323	23 Mar 2015	Structural Engineering Report	-
4	Acronem Consulting Australia Pty Ltd	ACA-150905	9 Sep 2015	Structural Engineering Report	-
5	Acronem Consulting Australia Pty Ltd	-	29 May 2015	Structural Engineering Report	-
6	Enertren Pty Ltd	BWK-007	16 Feb 2018	Structural & Acoustic Report	-
7	CSIRO	FSV 1683	16 Apr 2015	Fire Test Report	Accreditation No. 165
8	Exova Warringtonfire	51106200.2	16 Apr 2015	Fire Test Report	Accreditation No. 3277
9	CSIRO	FCO-3175	14 Feb 2018	Fire Assessment Report	Accreditation No. 165
10	Exova Warringtonfire	EWFA 50911900.3	25 Jul 2017	Fire Test Report	Accreditation No. 3277
11	Exova Warringtonfire	EWFA 51504400.2A	5 Jan 2018	Fire Assessment Report	Accreditation No. 3277
12	CSIRO	FNC11425	2 Jul 2015	Fire Test Report	Accreditation No. 165
13	CSIRO	FNC11644	23 Feb 2016	Fire Test Report	Accreditation No. 165
14	CSIRO	NK7490-2248	21 Jan 2016	Fire Test Report	Accreditation No. 165
15	CSIRO	NK7490-2249	21 Jan 2016	Fire Test Report	Accreditation No. 165
16	Day Design Pty Ltd	6177-1 C A001	1 Mar 2017	Acoustic Test Report	-
17	Day Design Pty Ltd	5796-2A	5 Apr 2016	Acoustic Test Report	-
18	PKA Acoustic Consulting	PKA100BWK R01v6	6 Aug 2018	Acoustic Assessment Report	-

The Certificate Holder has chosen not to make the above identified evidence of compliance publicly available, due to the documents being considered commercial in confidence.

### End of Certificate