

EXTERNAL WALL SYSTEM DISCLOSURE STATEMENT (DESIGN)

EXTERNAL WALL COMPONENTS (TYPE A CONSTRUCTION)

| | |
|-------------------------|---|
| Project Name | <i>Pendle Hill High School New Building</i> |
| Address | <i>Cornock Avenue, Toongabbie NSW</i> |
| Part of Building | <i>New Building</i> |
| BCA referred to | BCA 2019 |

- I confirm that the table provided overleaf identifies all the proposed external wall systems and wall elements designed for the subject development, including the component elements of those systems, and any attachments thereto.
- I have undertaken reasonable investigations to ascertain that these systems and components comply with the non-combustibility requirements of Clause C1.9 of the BCA, such as reviewing product technical information, fire test reports, code mark certificates, fire-engineer's reports and external consultant advice.
- I have undertaken reasonable investigations to ascertain that any sarking-type materials associated with the external wall system design comply with Clause C1.9 of the BCA insofar as these materials do not exceed 1 mm in thickness and have a Flammability Index not greater than 5.
- Supporting documents that demonstrate compliance for each wall type with the relevant sections of the BCA are provided and attached.
- I am a suitably qualified person and my qualifications and accreditations are listed below.
- The information contained in this statement is true and accurate to the best of my knowledge.

Relevant qualifications and accreditations: _____

Registered Architect NSW 6855

Name: _____ Greg Isaac

Company: _____ Fulton Trotter Architects

Address: _____ L3, 35 Spring Street, Bondi Junction

Phone No. _____ 02 8383 5151 Fax No. _____ N/A



Signature

04.11.2021

Date

EXTERNAL WALL ELEMENTS TABLE

LINING / CLADDING MATERIAL (Note. Nominate every type of external cladding and/or wall material)

| External/Cladding Material (E.g. Fibre cement sheeting, prefinished metal sheeting, masonry etc) | Elevation(s) | Structural frame material | Manufacturer (E.g., Fairview, CSP, HVG etc) | Product Name (E.g., MondoClad, Vitradual, Styrum. Alfrex Solid etc) | Test certificate, Codemark certificate or Fire Engineering Report (List all documents evidencing compliance) | Nominated or proprietary installation requirements (relevant installation details or guidelines must be listed below and attached) |
|--|---------------------------|--|---|---|--|---|
| Compressed Fibre Cement | Refer elevation drawings | Metal top hats to BCA C1.9(a), (e) | James Hardie Australia Pty Ltd | Exotec Façade Panel and Fixing System | Refer Attached Certificate CM40221 Rev 2 | Proprietary installation recommendations using top hats, intermediate top hats, gaskets, backing strips, joint sealant |
| Compressed Fibre Cement | Refer elevation drawings | Metal top hats to BCA C1.9(a), (e) | Panelcorp | Ceramapanel | Refer Attached Certificate 20-000702 | Proprietary installation recommendations |
| Brickwork | Refer elevation drawings | Stud wall framing as part of brick veneer construction to BCA C1.9(a), (e) | Austral | Masonry Units 230x110x76mm | Refer Attached Certificate Exova Warringtonfire 50738800.3 | Proprietary installation recommendations |
| Wall cladding | Refer elevation drawings | Metal wall framing to BCA C1.9(a) | Bluescope Steel Limited | Bluescope Colorbond Steel | Report FNE11605 | Proprietary installation recommendations |
| Concrete | Refer elevation drawings | | Various | Reinforced precast concrete | To BCA C1.9(a), (e) | Proprietary installation recommendations |
| Concrete blockwork | Refer 4000 series details | | Various | Reinforced and core filled concrete blockwork spandrel wall | To BCA C1.9(a), (e) | Nominated installation requirements to structural details |

INSULATION *(list all types incorporated in the external wall systems)*

| Material (Rockwool etc) | Elevation | Manufacture (Eg, CSR etc) | Product Name | Test certificate reference |
|-----------------------------------|--|-------------------------------------|--------------------------------------|---|
| Acoustic Insulation | Refer 4000 series Drawing details and applicable specification | CSR | CSR Bradford Gold R2.5 wall batts | CSR Test Report NR-18011B - AS1530.1 Combustibility Test CSR Bradford Soundscreen R2.5 Wall & Floor Batt This report covers the non-combustibility performance of the Bradford 88mm R2.5 Soundscreen range |
| Fibreglass Insulation | Refer 4000 series Drawing details and applicable specification | CSR | | EWFA Report No. FAS200045 Rev 1.2 - AS1530 Part 3 Performance Bradford Glasswool & Rockwool Range This report covers the early fire hazard testing performance for all Bradford Glasswool insulation products including the Bradford Gold Wall Batt, Bradford Gold Ceiling Batt, Bradford Soundscreen and Bradford Anticon ranges. |
| Fibreglass Insulation | Refer 4000 series Drawing details and applicable specification | CSR | CSR Bradford Gold R2.7 wall batts | CSR Test Report NR-17001 - AS1530 Part 1 Test CSR Bradford Gold R2.7 HP Wall Batt This report covers the non-combustibility performance of the Bradford 90mm R2.7 Gold Wall Batt range |

SARKING *(list all types incorporated in the external wall systems)*

| Manufacture (Eg, CSR etc) | Elevation | Product Name | Test certificate reference |
|-------------------------------------|---|----------------------------|--|
| CSR Bradford | Refer 4000 series Drawing details and applicable specification | CSR Bradford Enviroseal CW | AWTA Test Number 16-006359 - AS1530 Part 2 Test Bradford Enviroseal Proctorwrap CW This report covers the flammability index and thickness measurement for the Bradford Enviroseal CW sarking See also Product Technical Statement |

PACKERS *(list all types of non-combustible packers that are proposed to be incorporated in the external wall system)*

| Product Name (E.g. aluminium packers etc) | Manufacture | Elevation | Test certificate reference | Nominated or proprietary installation requirements |
|---|--------------------|--------------------------|--|---|
| Packer | Macsim Aluminium | External walls generally | Warrington Fire Job RTF200379 17,18/11/2020 AS1530.1 1994 | Proprietary installation recommendations To BCA C1.9(a) |

INTERNAL WALL LINING

| Product Name (E.g. aluminium packers etc) | Manufacture | Elevation | Test certificate reference | Nominated or proprietary installation requirements |
|---|--------------------------------|---|-----------------------------------|---|
| Plasterboard | CSR Gyprock/USG Boral/Knauf | Inside lining of external walls generally | | To BCA C1.9(e)(i) |

ATTACHMENTS and ANCILLARY ELEMENTS *(list all types of attachments that is proposed to be incorporated in the external wall system)*

Note attachments proposed are generally exempt under BCA 2019.

| Product Name | Manufacture | Elevation | Test certificate reference | Nominated or proprietary installation requirements |
|--|--------------------|--------------------------|-----------------------------------|---|
| Gaskets, caulking/sealant to glazing metal barrier termite management system glass damp proof courses to brickwork | Various | External walls generally | | To BCA C1.9(d) |
| Gutter / Downpipe Flashing Aluminium air conditioning grille less than 2m2 in area Electrical switch / cover plate Light fitting Security / Intercom / Announcement system Wiring Signage | | | | To BCA C1.14 |