



# Fire Test Certificate

This is to certify that the specimen described below has been examined by **BRANZ Ltd** on behalf of

ASSA ABLOY Australia Pty Ltd  
235 Huntingdale Road  
Oakleigh, Victoria 3166  
Australia

**Referenced standard:** AS 1530.4:2014 with reference to AS 1905.1: 2015

**Specimen name:** Pyropanel Pandor Maxi Fire Doorsets

**Specimen description:** Steel or timber framed Pyropanel Pandor Maxi single and pair leaf doorsets mounted in a range of walls with leaf sizes up to that stated in the table overleaf.

**Orientation:** Fire exposure from either side

**A full description of the test specimen and the test results are given in BRANZ Test Reports and Assessments:**

FC11965-01-2

Conditions of laboratory registration by IANZ do not allow assessments by the Registered Laboratory to be covered by IANZ.

**Regulatory authorities are advised to examine test reports before approving any product.**

**The assessed results were as follows:**

See following pages for the tested/assessed performance for each doorset

**Certificate issued:** 30 May 2023

**Certificate expiry:** 30 May 2033

**Certificate Number:** FC11965-01-2 C1 Issue 1

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P Chapman  
Senior Fire Testing Engineer  
For BRANZ Limited



This Laboratory is accredited by International Accreditation New Zealand (IANZ). The tests reported herein have been performed in accordance with the laboratory's scope of accreditation.

The National Association of Testing Authorities (NATA) and International Accreditation New Zealand (IANZ) are both signatories of the ILAC Mutual Recognition Agreement.

The following statement is required by the test standard "This certificate is provided for general information only and does not comply with the regulatory requirements for evidence of compliance."

# Fire Test Certificate

## Nominal 48 mm Pyropanel Pandor Maxi doorsets

Wall type	Maximum Single leaf nominal size (mm)	Maximum Pair leaf nominal size (mm)	FRL
Plasterboard walls (steel or timber framed) with an FRL of at least -/60/60	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	-/60/30 <sup>1</sup> -/60/60 <sup>2,3</sup>
Masonry or Concrete walls or Hebel walls with an FRL of at least -/60/60	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	-/60/30 <sup>1</sup> -/60/60 <sup>2,3</sup>
Knauf IntRwall™ with an FRL of at least -/60/60	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	-/60/30 <sup>1</sup> -/60/60 <sup>2,3</sup>
CSR Stratawall™ with an FRL of at least -/60/60	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	2,420 mm high x 1,020 wide or 2,200 mm high x 1,120 mm wide x 48 mm (nom.) with linear transition between these limits	-/60/30 <sup>1</sup> -/60/60 <sup>2,3</sup>

### Notes:

- 1) 30 minutes Insulation if the steel frame is packed with plasterboard, cornice adhesive/plaster, Pyropanel FF01, FF02 or FR Board strips
- 2) 60 minutes Insulation if the steel frame is packed with Pyropanel fire rated M4 lightweight Mortar or mortar.
- 3) 60 minutes Insulation in timber frame

The leaves may be clad with any of the following materials over the standard plywood or MDF facings if fixed with low melting point contact adhesive:

- 1 mm thick metal sheet, such as stainless steel, mild steel (with zinc coatings such as Zincaneal, Zinalume, galvanizing, Colorbond or similar), brass, aluminium.
- Decorative timber veneers and laminates up to 1.5 mm thick (FRL -/60/60 doorsets only).
- Bolection timber mouldings.
- 6 mm MDF or plywood (or timber veneer on MDF) with grooves up to 3 mm deep running full height or width, or any pattern in singles or pairs.



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The Pandor door leaves may be fitted with any of the following vision panels provided that they are positioned no less than 156 mm from any edge of the leaf:

- 5 mm thick Pyroceram circular glass up to 440 mm diameter with stainless steel surround; or
- 5 mm thick Pyroceram rectangular glass in size up to maximum 0.06 m<sup>2</sup> in area with aluminium surround; or
- 13 mm thick Pyrodur in size up to 600 mm maximum dimension and 0.065 m<sup>2</sup> in area.

The meeting edges of the pair leaf Pandor doorsets may be:

- Bullnose with optional Greenboard leaf edges; or
- Aluminium J-sections with optional Greenboard meeting edges; or
- Double rebated timber.

Timber framed doorsets may be fitted with variations to the intumescent seal locations as follows:

- A single 20 mm wide intumescent seal centred in the frame rebate or leaf edge.
- 2 x 10 mm wide intumescent seals 12 mm apart, centred in the frame rebate or leaf edge.
- 2 x 10 mm wide intumescent seals 20 mm apart, with one positioned near the stop in the frame to allow for a continuous strip past the hinges.

Pandor Half Lite glazed doorsets, in timber or steel frames in single or pair leaf configurations up to the sizes given in the table above. See page 4 for details of the glazing configurations. See the table below for the glazed panel size and FRL.

Maximum Dimension	Maximum Area	FRL
1,350 mm	0.9 m <sup>2</sup>	-/60/30

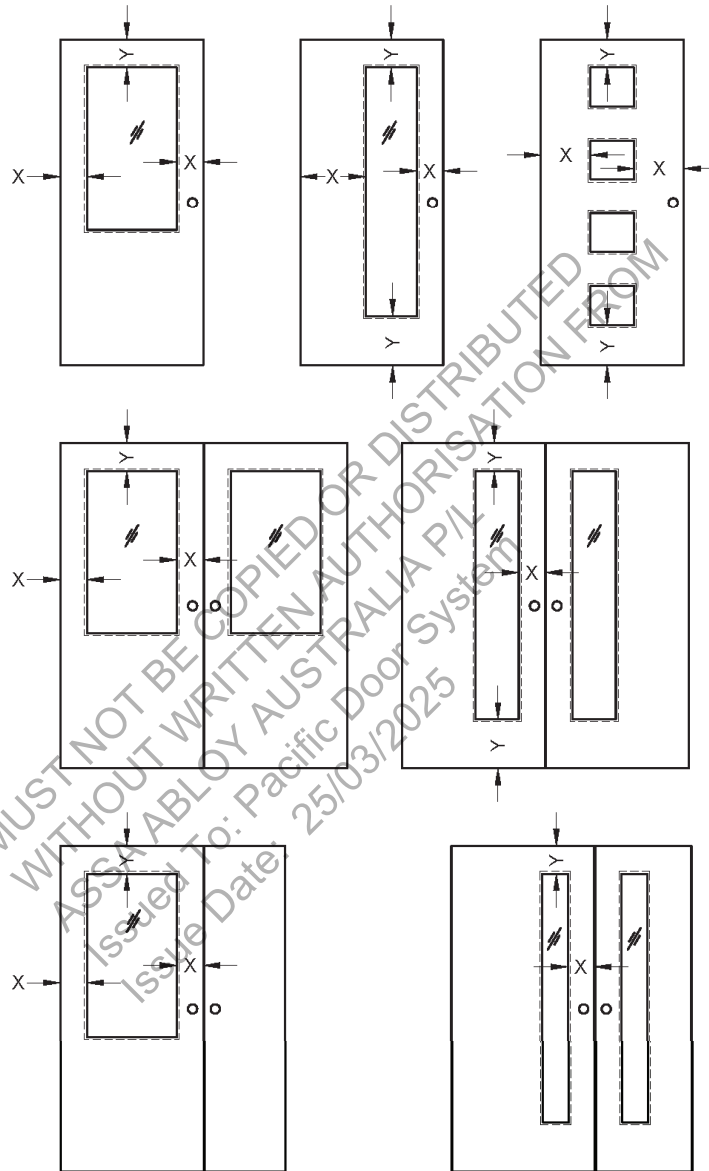
For Half Lite doorsets the overall maximum area of the vision panels shall not exceed 36% of the leaf area.

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## Half Lite Door Glazing Configurations

X = distance from side of door to visible glazing

Y = distance from top or bottom of door to visible glazing



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**PYRO PANEL**

**ASSA ABLOY**

DRAWING No.	HFD-G1 Half Lite (glaz config)		
TITLE:			
Sheet: 1	Sheet size: A4	Scale:	
Drawn by:	Date: 15/03/23	Issue #	
Checked by:	Date:		