

Sponsor	Document number	Issue date	Expiry date
Technical Protection Systems Pty Ltd 2 / 21 Malvern Street Bayswater, Victoria 3153 Australia	FAS200384 SOA1.1	6 September 2021	31 October 2025

Description of assessed system

The assessed system consists of Forster Fuego Light framing with Pyrobel insulated glazing for various fixed screen and door applications.

The scope of the assessment includes the fire resistance performance of the described assessed system when tested in accordance with AS 1530.4:2014 and assessed in general accordance with AS 1905.1:2015.

Assessed system performance

The element of construction described above was assessed by this laboratory on behalf of the test sponsor in accordance with the stated test standard in Table 1 and achieved the results outlined in Table 2 and Table 3. Complete description of the assessed construction can be found within the referenced assessment report.

Table 1 Test standard and assessment report details

Referenced report	Test standard	Referenced report issue date	Referenced report expiry date
FAS200384 R1.1	AS 1530.4:2014	25 August 2021	31 October 2025

Table 2 Performance and size of glazed screens

Glazing	Maximum Pane Size			FRL
	W (mm)	H1 (mm)	H2 (mm)	
Pyrobel 25	1400	2700	1080	-/60/60
	2200	1718	175	
Pyrobel 25 EG	1400	2700	939	-/60/60
	2200	1718	154	
Pyrobel 21	1200	2300	500	-/60/60
Pyrobel 16	1400	2700	1597	-/60/30
	2200	1718	262	
Pyrobel 16 EG	1400	2700	1331	-/60/30
	2200	1718	218	
Pyrobel 16 IGU (16 EG+12 mm air gap+6 mm toughened)	2835	1400	1400	-/30/30
Pyrobel 17 N	1400	2700	1388	-/60/30
	1350	1718	2888	

Table 3 Performance and size of single and double doors

Glazing	Maximum Door Leaf Pane Size		FRL
	WD (mm)	HD (mm)	
Pyrobel 25	1045	2390	-/60/30
Pyrobel 25 EG	1045	2390	-/60/30
Pyrobel 21	1045	2390	-/60/60
Pyrobel 16	1045	2390	-/60/30
Pyrobel 16 EG	1045	2390	-/60/30
Pyrobel 17 N	1045	2390	-/60/30

Conditions / validity

- This document is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.
- The RIR (regulatory information report) or the main assessment report must be provided for regulatory requirements and evidence of compliance.
- Reference should be made to the relevant assessment report or regulatory information report to determine the applicability of the test result to a proposed installation. Full details of the constructions and justification for the conclusions given, along with the validity statements, are given in the assessment reports.
- The results of the assessment report may be used to assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.
- All work and services carried out by Warringtonfire Australia are subject to and conducted in accordance with our standard terms and conditions. These are available on request or at <https://www.element.com/terms/terms-and-conditions>.

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