

Report sponsor	Certificate issue date	Product/system
CSR Hebel	21 December 2018	CSR Hebel External Wall Panels

Introduction

The element of construction described below was assessed by this laboratory on behalf of the test sponsor in accordance with the stated test standard and achieved the results stated below. Refer to the referenced Assessment Report(s) or Regulatory Information Report(s) for the complete description of the assessment construction.

Referenced assessment Report	Test methods	Report issue date	Report validity date
EWFA 24648-08	AS1530.4:2005	21 December 2018	17 February 2020

Description of assessment product and performance

The scope of the assessment includes the fire resistance performance of CSR Hebel horizontal External wall panels if tested in accordance with AS1530.4-2005.

Refer to the referenced assessment report(s) or Regulatory Information Report(s) for a complete description of the assessed construction.

Formal assessment summary

Table 1 – Summary of Assessed Performance for Hebel® Panel Walls with or without Hebel® Service Panel Type 1 and 2

Minimum Panel Thickness (mm)	Maximum Wall Height (mm) Y	Maximum Wall Width (mm) X	Cover to Recessed Bolts (mm) d	FRL
150	15000	6000	0	-/60/60
			0	-/90/90
			0	-/120/120
			60	-/180/180
			75	-/240/240
			Panel Cover (refer to figure 17)	-/240/240
125	15000	6000	0	-/60/60
			0	-/90/90
			0	-/120/120
			60	-/180/180
			75	-/240/240
			Panel Cover (refer to figure 17)	-/240/240

Table 2 – Temperature inside Hebel® Service Panels (Additional information for consideration of others)

Option	Detail	Temperature inside Penetration Conduit when exposed to Cellulosic Exposure					
		Type 1			Type 2		
		120 mins	180 mins	240 mins	120 mins	180 mins	240 mins
1	8-10, 14-16	171°C	231°C	274°C	171°C	232°C	275°C
2	8-9, 11, 14-16	341°C	429°C	488°C	234°C	333°C	400°C
3	8-9, 12, 14-16	342°C	432°C	497°C	234°C	333°C	401°C
4	8-9, 13, 14-16	355°C	467°C	556°C	244°C	366°C	462°C

Refer to the referenced assessment report(s) or Regulatory Information Report(s) for a complete description of the assessed construction.

Conditions/ Validity

- This certificate is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.
- Reference should be made to the relevant test 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 these fire tests may be used to assess fire hazard, but it should be recognized 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 Pty Ltd ACN 050 241 524 are subject to, and conducted in accordance with, the standard terms and conditions of Warringtonfire Australia Pty Ltd, which are available at <https://www.element.com/terms/terms-and-conditions> or upon request.
- Exova Warringtonfire rebranded to Warringtonfire on 1 December 2018. Apart from the change to our brand name, no other changes have occurred. The introduction of our new brand name does not affect the validity of existing documents previously issued by us.

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