



# CERTIFICATE OF ASSESSMENT




The fire resistance performance of a vertical Coopers Fire  
FireMaster™ Plus fire curtain in accordance with AS 1530.4:2014

Client: Greene Fire Pty Ltd

Report number: 22049 Job number: FAS190326 Issuing consultant: Nitisha Malloo

Date: 13 December 2019 Revision: SFC 5.0

## Amendment schedule

Version	Date	Previous version of report			
R00	Issue: 06/11/2007	Reason for issue	Initial Issue		
R01	Issue: 20/05/2011		Revised to amend title, consider alternative T-bar bottom bar, extended curtain width, consider alternative head box designs and include radiation calculation in strict accordance with AS 1530.4:2005.		
R02	Issue: 27/5/2011		Inclusion of mullion		
R03	Issue: 08/09/2014		Revised to include updated box details, curtain system up to 3 hour rating, gap protection detail, timber frame plasterboard wall		
R04	Issue: 28/10/2014		Revised to include updated specification details and further options for suspended headbox		
Version	Date	Information relating to report			
R05	Issue: 13/12/2019	Reason for issue	Revalidation in accordance with AS 1530.4:2014.		
	Expiry: 31/12/2024		Prepared by	Reviewed by	Approved by
		Name	Nitisha Malloo	Omar Saad	Omar Saad
	Signature				

## Contact Information

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Report sponsor	Certificate issue date	Product/system
Greene Fire Pty Ltd	13 December 2019	Coopers Fire FireMaster™ Plus fire curtain

### 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
22049 R5.0	AS 1530.4:2014	13 December 2019	31 December 2024

### Description of assessment product and performance

Based on the discussion presented in this report, it is the opinion of this testing authority that if the specimen described in the referenced assessment report had been modified within the variations specified in the referenced assessment, it will achieve the performance as stated below in if tested in accordance AS 1530.4:2014.

#### Performance of FireMaster™ Plus Single Barrel Design

Max Opening Height	Max Opening Width	FRL*	Radiation
7.5m	30m	-/120/-	Refer to table below and Section B.4 of this report

\*When tested the curtain fabric met the radiation criterion of 10 kW/m<sup>2</sup> at 365mm from curtain for a period in excess of 90 minutes. Refer to section B.3 for calculation details.

#### Splice Detail

Maximum Opening Width (m)	Number of Splices Required	Parameter X from Figure 1 (mm)
3	None	N/A
4	None	N/A
5	None	N/A
7	1	17
9	1	47
12	2	46
18	2	90
24	3	90
30	4	90

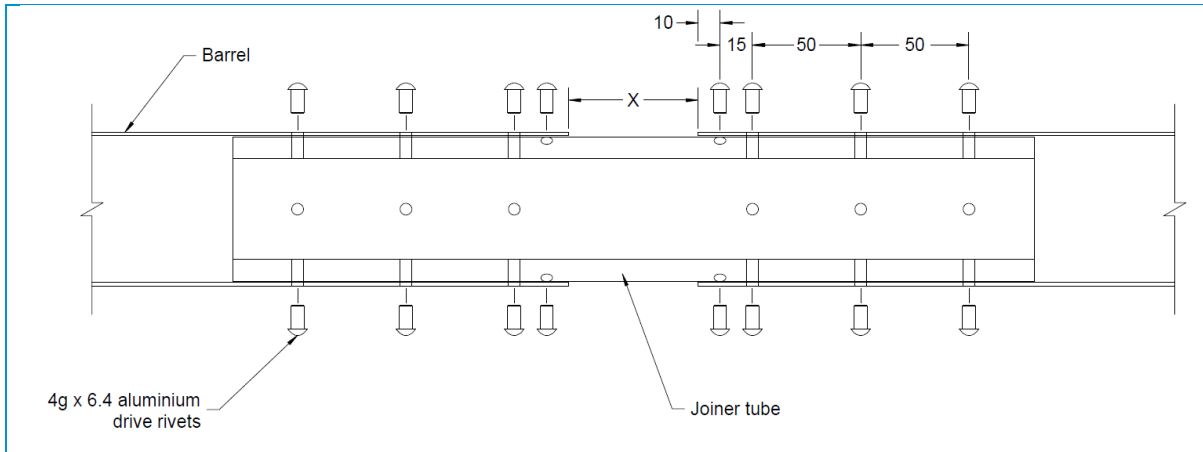


Figure 1 Splice Detail (additional details kept on file)

**Radiation Performance of FireMaster™ Plus Fabric up to 120 minutes**

Time (mins)	I <sub>o</sub> (kW/m <sup>2</sup> )
0	0.00
15	3.07
30	4.65
45	6.19
60	7.28
75	8.92
90	10.32
105	10.94
120	11.59

Refer the referenced report for a complete description of the assessed construction.

**Formal assessment summary**

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.