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<b>EWFA CERTIFICATE OF ASSESSMENT</b>	<b>CERTIFICATE No : SFC 21553-13</b>	<b>Page 1 of 3</b>
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Report Sponsor	Certificate Issue Date	Product Name
Coopers Fire Pty Ltd 21B, 1-3 Endeavour Road Caringbah, NSW, 2229	17/02/2016	<b>FireMaster® Fire Curtain</b>

Assessment Report Reference	Test Methods	Report Issue Date	Report Validity Date
EWFA 21553-13	AS1530.4-2005	17/02/2016	30/09/2019

**Introduction**

The element of construction described below was assessed by this laboratory on behalf of the report sponsor in accordance with the stated test standard and achieved the results stated below. Refer to the referenced test report(s) or Regulatory Information Reports for more information.

**Description of Assessed Products**

The test specimen is a vertically oriented EFP™ 4/1000 FireMaster® fire curtain coated with or without silicone coating (depends on designs) tested in accordance with AS1530.4-2005 and assessed in accordance with AS1905.2-2005. For a detailed description of assessed construction refer to referenced report.

**Performance of Assessed Products**



**Single Barrel Designs**

EFP™ 4/1000 FireMaster® fire curtain or EFP™ 2/1000/SS FireMaster® S fire curtain				
Max Opening Height	Max Opening Width	Splice Detail	Integrity	Radiation
9m	30m	Refer to Table 1	120 minutes	Refer to Table 3
6m	30m	Refer to Table 2	240 minutes	Refer to Table 3

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

**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.

<b>TESTING AUTHORITY</b>	Exova Warringtonfire Aus Pty Ltd	
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<b>Authorisation</b>	Prepared By:  D. Nicholson	Reviewed By:  S. Hu

Performance of Assessed Products (Continued)

Table 1 – Splice Detail up to 120 minutes

Max 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

Table 2 – Splice Detail up to 240 minutes

Max 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	15
9	1	48
12	2	65
18	3	58
24	4	80
30	5	84

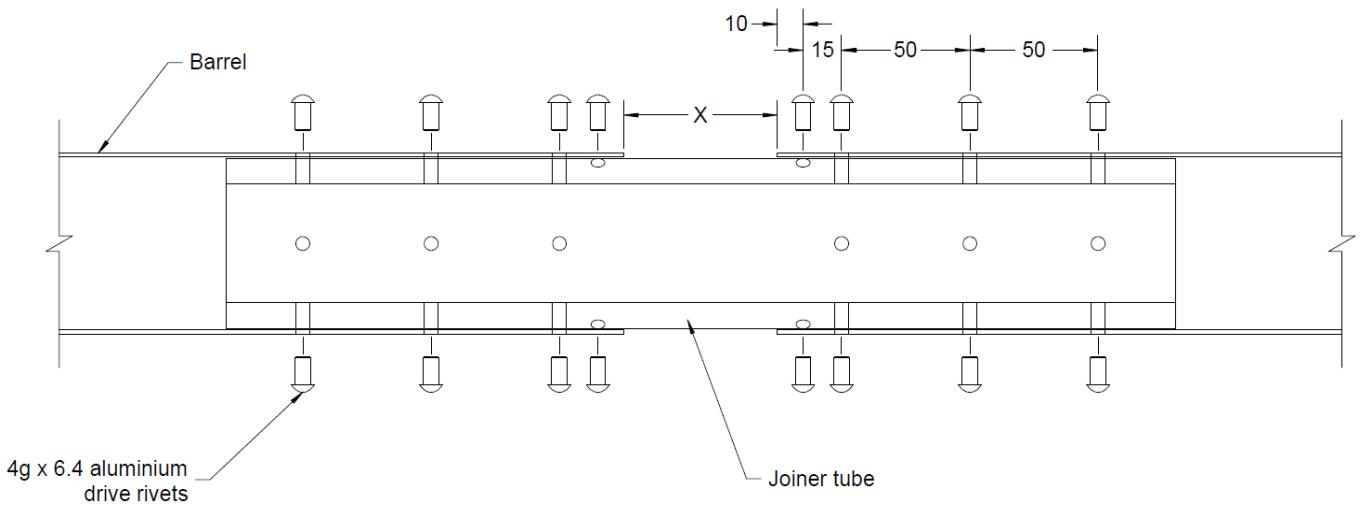


Figure 1 – Splice Detail

Performance of Assessed Products (Continued)

Multiple Barrel Designs

EFP™ 4/1000 FireMaster® fire curtain				
Max Opening Height	Max Opening Width	Minimum Curtain Overlap	Integrity	Radiation
9m	Refer to Figure 2	600mm	120 minutes	Refer to Table 3
6m	Refer to Figure 2	700mm	240 minutes	Refer to Table 3

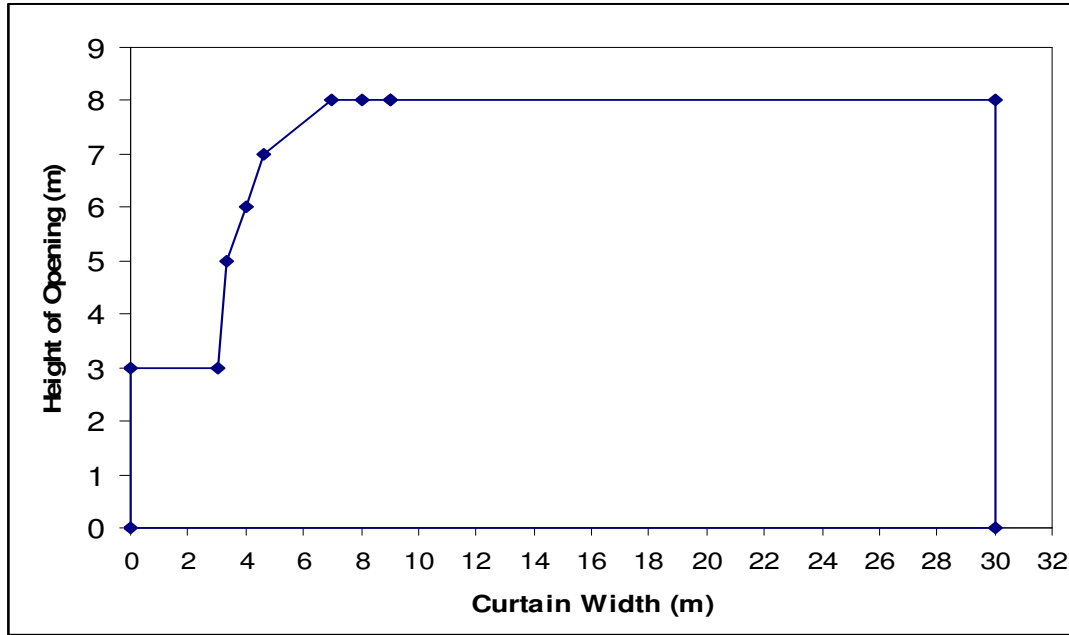


Figure 2 - Region of Applicability of Double Barrel Curtains

Table 3 – Radiation Performance of FireMaster® Fabric up to 120 minutes

Time (mins)	I <sub>o</sub> (kW/m <sup>2</sup> )
0	0.00
15	16.32
30	23.12
45	28.56
60	32.64
75	38.08
90	42.17
105	44.89
120	48.97

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