

Fire Test Certificate – Specimen

Fabric: Wool Serge 1.8
Type: AS/NZS 1530.3

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : J & C Joel Ltd
Corporation Mill, Corporation Street
Sowerby Bridge, Halifax, HX6 2QQ
ENGLAND

Test Number : 18-006062
Issue Date : 14/11/2018
Print Date : 16/05/2019

Sample Description Clients Ref : "WS180"
Milled woven fabric
Nominal Composition : 100% Wool
Nominal Mass per Unit Area/Density : 500g/m2
Nominal Thickness : Approx: 2mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested: Face
Date tested: 13/11/2018

	Standard Error	Mean
Ignition time	0.25	2.90 min
Flame propagation time	Nil	Nil sec
Heat release integral	3.1	23.2 kJ/m ²
Smoke release, log d	0.0699	-1.1179
Optical density, d		0.1047 / metre
Number of specimens ignited:		0
No of samples which ignited		5
No of samples which did not ignite		4
Number of specimens tested:		9
Regulatory Indices:		
Ignitability Index		17 Range 0-20
Spread of Flame Index		0 Range 0-10
Heat Evolved Index		0 Range 0-10
Smoke Developed Index		4 Range 0-10

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0204/11/06


APPROVED SIGNATORY


MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

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J&C Joel 
the inspiration behind the performance

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These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

The specimens were mounted to simulate use in an unsupported or free hanging mode. The results may be significantly different when mounted to simulate a wall cladding or upholstery application.

To allow free movement of sample during testing all corners were folded away from the clamps.

Each test specimen was sandwiched between two layers of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions, stapled through at four points, each 100mm from the centre of the sample and the assembly clamped in four places.

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