

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing

A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031

P.O Box 240, North Melbourne, Victoria 3051

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : Kvadrat A/S
Lundbergsvej 10
Ebeltoft 8400
Denmark

Test Number : 19-000196
Issue Date : 12/03/2019
Print Date : 12/03/2019

Sample Description Clients Ref : 'Phlox 633'
Woven pile fabric
Colour : Pink
End Use : Upholstery
Nominal Composition : 90% Cotton 10% Polyester
Nominal Mass per Unit Area/Density : Approx 684 g/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:	13/02/2019		
	Standard Error	Mean	
Ignition time	0.12	4.86	min
Flame propagation time	1.8	33.3	sec
Heat release integral	3.9	127.5	kJ/m ²
Smoke release, log d	0.0779	-1.5588	
Optical density, d		0.0314	/ metre
Number of specimens ignited:		6	
Number of specimens tested:		6	
Regulatory Indices:			
Ignitability Index		15	Range 0-20
Spread of Flame Index		8	Range 0-10
Heat Evolved Index		5	Range 0-10
Smoke Developed Index		2	Range 0-10

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- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356

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APPROVED SIGNATORY

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

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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.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Each test specimen was restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

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

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