Textiles and Apparel Solutions Centre
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FLAMMABILITY TEST REPORT

Report No.: LEHTX00841669 **Date Received:** 23/09/15 **Dates Tested:** 30/09/15 **Date Issued:** 30/09/15

Company Name & Address: C & D KING LTD
UNIT 15
HAVENBURY ESTATE
STATION ROAD
DORKING
SURREY
RH4 1ES

Contact Name: SPENCER KING

Sample Details

Description:	Not stated
Order No.:	Not stated
Style No.:	Duracoretex premium
Quality:	650gsm PVC
Supplier:	Duracoretex
Colour:	White
Intended Use:	Marquee exterior covers
Quoted fibre composition:	Not stated
Sample Description:	White coloured woven fabric with white coloured polymeric coating

Test Method	Pre Treatment	Flammability performance requirements	Result
BS 5438:1989 Test Method 2B	Watersoak procedure as clause 3 of BS 5651:1989	BS 7837: 1996	**PASS**

~~STEVEN OWEN~~	ANDREW HALLETT	~~CAROLE SPOWART~~	~~SIMON CHEE~~
~~(Chemical Technologist)~~	(Flammability Technician)	~~(Flammability Technician)~~	~~(Operations Manager)~~

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ITS Testing Services (UK) Limited
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Test Specification

Test method	Test method 2B of BS 5438: 1989 as required by BS 7837: 1996
Ignition source:	40mm high Butane gas flame
Ignition type:	Bottom edge ignition
Flame application time:	10 seconds
Sample size:	200 x 160mm

Pre-treatment / Durability procedure

Watersoak procedure as clause 3 of BS 5651:1989

Conditioning

Prior to testing:	At least 24 hours in an atmosphere having a temperature of 20±2°C. and a relative humidity of 65±5%
At time of testing:	Temperature between 15°C & 30°C. Relative humidity between 35% & 75%. Air movement less than 0.2m/s.

Test Results

" The test results were obtained using the specified test conditions and do not necessarily represent the behaviour of the test material under other conditions of test or use."

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)	
						Horizontal	Vertical
1. Length ↑	3.7	0.0	No	No	No	21	100
2. Length ↓	2.4	0.0	No	No	No	24	92
3. Length ↑	2.2	0.0	No	No	No	21	105
4. Width →	0.0	0.0	No	No	No	18	100
5. Width ←	1.9	0.0	No	No	No	20	105
6. Width →	3.2	0.0	No	No	No	20	92

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