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FLAMMABILITY TEST REPORT

Report No.: LEHTX00580677B **Date Received:** 10/05/11 **Dates Tested:** 16/05/11 **Date Issued:** 16/05/11

Company Name & Address: GALA TENT LTD
UNIT 1 PARK SPRINGS
SPRINGVALE ROAD
GRIMETHORPE
BARNSLEY
SOUTH YORKSHIRE
S72 7BQ

Contact Name: GARY MACE

Sample Details

Description:	Not stated
Reference No.:	Not stated
Style No.:	1 mtr. square
Quality:	P.V.C Sample
Colour(s) :	White
Supplier:	Not stated
End use:	Marquee
Fibre Composition:	500 Denier
Sample description:	White coloured woven polymeric material

Test Method	Pre Treatment	Flammability performance requirements	Result
BS 5438:1989 Test Method 2B	Watersoaked as clause 3 of BS 5651: 1989 then line dried	BS 7837: 1996	**PASS**

STEVEN OWEN
(Chemical Technologist)

~~CAROLE SPOWART~~
~~(Flammability Technician)~~

~~ANDREW WHITE~~
~~(Quality Manager)~~

~~SIMON CHEE~~
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Test Specification

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

Pre-treatment / Durability procedure

Watersoaked as clause 3 of BS 5651: 1989 then line dried

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 ↑	0.0	0.0	No	No	No	30	75
2. Length ↓	0.0	0.0	No	No	No	30	88
3. Length ↑	33.6	0.0	No	No	No	38	92
4. Width →	0.0	0.0	No	No	No	23	80
5. Width ←	0.0	0.0	No	No	No	27	87
6. Width →	0.0	0.0	No	No	No	25	83

Please Note: If only one sample fails an extra 6 shall be tested

Extra 6 Samples

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 ↑	0.0	0.0	No	No	No	27	90
2. Length ↓	0.0	0.0	No	No	No	23	93
3. Length ↑	0.0	0.0	No	No	No	25	110
4. Width →	0.0	0.0	No	No	No	25	95
5. Width ←	0.0	0.0	No	No	No	18	73
6. Width →	0.0	0.0	No	No	No	24	95

Conclusions

The sample tested meets the flammability performance requirements of BS 7837: 1996. **PASS.**