

FLAMMABILITY TEST REPORT

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 $20 \pm 2^\circ\text{C}$. and a relative humidity of $65 \pm 5\%$
 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 \uparrow	0.0	0.0	No	No	No	30	75
2. Length \downarrow	0.0	0.0	No	No	No	30	88
3. Length \uparrow	33.6	0.0	No	No	No	38	92
4. Width \rightarrow	0.0	0.0	No	No	No	23	80
5. Width \leftarrow	0.0	0.0	No	No	No	27	87
6. Width \rightarrow	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 \uparrow	0.0	0.0	No	No	No	27	90
2. Length \downarrow	0.0	0.0	No	No	No	23	93
3. Length \uparrow	0.0	0.0	No	No	No	25	110
4. Width \rightarrow	0.0	0.0	No	No	No	25	95
5. Width \leftarrow	0.0	0.0	No	No	No	18	73
6. Width \rightarrow	0.0	0.0	No	No	No	24	95

Conclusions

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

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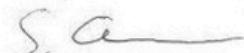
Company Name & Address: GALA TENT LTD
UNIT 1 PARK SPRINGS
SPRINGVALE ROAD
GRIMETHORPE
BARNESLEY
SOUTH YORKSHIRE
S72 7BQ

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



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