



Textiles and Apparel Solutions Centre,  
 The Warehouse, Brewery Lane,  
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 Telephone: +44 (0) 1942 265700  
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 www.intertek.com/consumergoods

## BS EN 14465:2003 Test Report

Report Ref: LEHTX00601371	Buying Division: NONE GIVEN
Date Received: 19/10/2011	Date Issued: 21/10/2011

Company Name & Address	FLAMEPROOFING LIMITED UNITS 1 & 2 LYON INDUSTRIAL ESTATE MOSS ROSE MILL SPRINGFIELD ROAD KEARSLEY BOLTON BL4 8NB
Contact Name	JOHN BRANNAN

Order No.:	NONE GIVEN
Description:	NONE GIVEN
Colour(s):	GOLD
Supplier:	AGUA FABRICS
End Use:	CONTRACT FURNITURE
Quoted Composition:	100%POLYESTER
Ref/Style/Stroke No.:	NONE GIVEN
Quality:	LIBRA
Batch No.:	NONE GIVEN
Spec. No.:	TABLE 1 & 2

Test	Method	Colour	Pass/Fail
COLOUR FASTNESS TO WATER	BS EN ISO 105 E01: 2010		Pass A
COLOUR FASTNESS TO RUBBING (DRY)	BS EN ISO 105 X12: 2002		Pass A
COLOUR FASTNESS TO RUBBING (WET)	BS EN ISO 105 X12: 2002		Pass A
COLOUR FASTNESS TO LIGHT - STD 5	BS EN ISO 105 B02: 1999		See Notes
BURSTING STRENGTH	BS EN ISO 13938-2: 1999		Pass A
ABRASION RESISTANCE (KNITTED)	BS EN ISO 12947-2/BS EN 14465: 2003 ANNEX A		Pass A

The light fastness result will be forwarded once the test is complete

Debbie Benson  
(Technician)



Upholstery - Colour Fastness to Cold Water								
Sample	Staining (Mulifibre DW) onto:							Minimum Requirements
	Change	Acetate	Cotton	Nylon	Polyester	Acrylic	Wool	
	5	5	5	5	5	5	5	A - Change 4 Stain 3/4 B - Change 3/4 Stain 3
Change/Stain Performance Level		Change A			Stain A			
Overall Performance Level		A						
BS 2543: 2004 Classification (Minimum levels for customer reference)								
	LD	GD	HD	GC	SC			
All Fabrics	A - Change 4 Stain 3/4	A - Change 4 Stain 3/4	A - Change 4 Stain 3/4	A - Change 4 Stain 3/4	A - Change 4 Stain 3/4	A - Change 4 Stain 3/4		
Upholstery - Colour Fastness to Rubbing (Dry)								
Sample	Staining Results						Minimum Requirements	
	Warp			Weft				
	5			5			A - Dry 4/5 B - Dry 4 C - Dry 3/4	
Performance Level	A			A				
Overall Performance Level	A							
BS 2543: 2004 Classification (Minimum levels for customer reference)								
	LD	GD	HD	GC	SC			
All fabrics	B Dry = 4	B Dry = 4	B Dry = 4	B Dry = 4	B Dry = 4	B Dry = 4		

Upholstery - Colour Fastness to Rubbing (Wet)					
Sample	Staining Results				Minimum Requirements
	Warp	Weft			<b>A - Wet 3/4</b> <b>B - Wet 3</b> <b>C - Wet 2/3</b>
	5	5			
Performance Level	A	A			
Overall Performance Level	A				
BS 2543: 2004 Classification (Minimum levels for customer reference)					
	LD	GD	HD	GC	SC
All fabrics	B Wet = 3	B Wet = 3	B Wet = 3	B Wet = 3	B Wet = 3
Upholstery - Colour Fastness to Light (STD 5)					
Sample	Results				Minimum Requirements
	Results to follow				Grade 5
Overall Performance Level	Results to follow				
BS 2543: 2004 Classification (Minimum levels for customer reference)					
	LD	GD	HD	GC	SC
All Fabrics	B - 5	B - 5	B - 5	B - 5	N/A



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Upholstery - Bursting Strength - 50cm <sup>2</sup> Diaphragm			RH 65% +/-4% / Temp 20°C +/-2°C		
Specimen	Results (kPa)			Minimum Requirements	
1	856			<b>A = 600 kPa</b> <b>B = 400 kPa</b> <b>C = 200 kPa</b> <b>D = N/A</b> <b>E = N/A</b>	
2	824				
3	860				
4	842				
5	851				
Average (kPa)	847				
Overall Performance Level	A				
BS 2543: 2004 Classification (Minimum levels for customer reference)					
	LD	GD	HD	GC	SC
All Fabrics	B - 400 kPa	B - 400 kPa	B - 400 kPa	B - 400 kPa	B - 400 kPa



Upholstery - Martindale Abrasion (12 kPa Load)		RH 65% +/-4% / Temp 20°C +/-2°C			
Sample	Results				Minimum Requirements
	Change in Shade @ 3,000 Cycles = Grade 4				<b>A = 35,000</b> <b>B = 12,000-30,000</b> <b>C = 4,000-10,000</b>
Fabric Type Knitted	<b>Heads 2,3 &amp; 4</b> <b>No fabric breakdown @ 35,000 revs</b> <b>No fabric breakdown @ 47,000 revs</b> <b>Fabric breakdown @ 49,000 revs</b>  The Martindale Abrasion test was taken to end point at the customers request.				
Overall Result	47,000 revs				
Overall Performance Level	A				
BS 2543: 2004 Classification (Minimum levels for customer reference)					
	LD	GD	HD	GC	SC
Flat Woven	B - 15,000	B - 20,000	B - 25,000	B - 30,000	A - 40,000
Figured Weaves	B - 12,000	B - 15,000	B - 20,000	B - 30,000	A - 40,000
Woven/Flocked/Non-Woven Pile Fabrics	C - 15,000	C - 20,000	B - 25,000	B - 25,000	B - 30,000
Knitted	B - 15,000	B - 20,000	B - 25,000	B - 25,000	B - 30,000