

**LANCASHIRE TESTING SERVICES LIMITED**

Lyon Road Industrial Estate : Kearsley : Bolton

Lancashire : BL4 8NB

Tel: +44 (0) 1204 792858

Email: enquiries@ltslab.co.uk

www.ltslab.co.uk

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TEST CERTIFICATE

CLIENT:	Camira Transport Fabrics The Watermill, Wheatley Park West Yorkshire WF14 8HE - -	Certificate Number:	UK2001173 -1
		Date Received:	17/12/2020
		Date Issued:	21/12/2020
Contact:	Rebecca Grimes	Issue Number:	1
Tel:	01924 481366	Changes from previous issue (if applicable)	
Email:	rebecca.grimes@camirafabrics.com		

SAMPLE IDENTIFICATION

The information in this section is provided by the client and Lancashire Testing Services Ltd assumes no responsibility or liability for its accuracy.

Sample Name / Reference	Citadel
Additional Names:	-
Batch Ref/Number:	452555
Order Number:	9874
Colour:	HAMILTON
Fabric Composition:	100% Flame Retardant Polyurethane
Customer:	-

SPECIFICATION

BS7176:2007 + A1:2011 - Low Hazard

TEST METHOD

Flammability:	BS EN 1021-1:2006 Part 1: Ignition source smouldering cigarette BS EN 1021-2:2006 Part 2: Ignition source match flame equivalent
Pre-treatment:	None requested

ConclusionThe sample tested: **Complies** with the flammability requirements of:
BS 7176:2007 + A1:2011 Low hazard, taking into account uncertainty of measurement.Uncertainty of Measurement: ± 1 second - timing measurements, ± 1 mm - dimensional measurements**Comments:**

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TEST CERTIFICATE**Test Results:-****BS7176:2007 + A1:2011 - Low Hazard - Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites***"The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."*

Sample Code	UK2001173 -1					
Sample Name / Reference	Citadel					
Client	Camira Transport Fabrics					
Date of test	21/12/2020					
Pre-Treatment	None requested -					
Filling Type	Carpenter/RX36110 CMHR polyurethane foam of approximate density 36Kg/m ³					
Size of test rig	Small: Back - 450 x 300 ± 2mm + Seat - 450 x 150 ± 2mm					
Test Conditions	Period h	Temperature °C	Relative humidity %	Air Flow m/s	Volume m ³	
Conditioning of test specimens	≥24	23±2	50±5	-	-	
Testing conditions	-	10-30	15-80	0.02-0.2	≥6	
Testing Source	Smouldering Cigarette Source					
Testing time limit	60 minutes after placement of smouldering cigarette.					
Test No.	Position	Ignition/N on Ignition	Duration of: (min.sec)			Smouldering and flaming criteria exceeded: (If any)
			Ignition Source	Flames	Smoke	
1	RHS	NI	22.03	-	23.19	-
2	M	NI	22.37	-	23.27	-
2	-	-	-	-	-	-
Testing Source	Match flame equivalent					
Testing time limit	2 minutes after removal of burner tube (120 seconds)					
Test No.	Position	Ignition/N on Ignition	Duration of: (sec)			Smouldering and flaming criteria exceeded: (If any)
			Ignition Source	Flames	Smoke	
1	RHS	NI	15	33	49	-
2	M	NI	15	20	34	-
3	LHS	NI	15	24	40	-
RESULT:	SMOULDERING CIGARETTE SOURCE				PASS	
	MATCH FLAME EQUIVALENT				PASS	
KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side						

On behalf of Lancashire Testing Services :

Tony Alcock,
Laboratory Technician:John Marsh,
Laboratory Technician:

 Peter Collings,
Operations Manager:
Issue Number: 1

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This report relates only to the sample tested and does not guarantee the bulk of the material to be of equal quality



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TEST CERTIFICATE

Certificate Number: UK2001173-1

If the measurement result plus/minus the expanded uncertainty with a 95 % coverage probability overlaps the limit, it is not possible to state compliance or non-compliance. The measurement result and the expanded uncertainty with a 95 % coverage probability will then be reported. The report will include the actual value with the uncertainty range.

Lancashire Testing Services Ltd have conducted thorough analysis of the uncertainty of all measurements carried out in the application of the standard or standards detailed in this report. Where possible any associated uncertainty of measurements have been accounted for in the working instructions, so that they have no impact on the reporting of the final result. In instances where uncertainty of measurements can only be taken into account after the test has been conducted, these uncertainty values have been stated on this report. The stated uncertainty of measurement has also been taken into account in the final reporting of the overall result.

Issue Number: 1

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