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## TEST CERTIFICATE

No. F09170/3

Testing to BS 7176 : 2007 Specification for Resistance to Ignition for Upholstered Furniture for Non-domestic Seating by Testing Composites using BS EN 1021-1 : 2006, BS EN 1021-2 : 2006 and BS 5852 : 2006

### SAMPLE INFORMATION

Client Trimproof Ltd., Trim, Co. Meath, Ireland  
Fabric Reference Lionella  
Dimensions 250cm by 138cm (Full width)  
Date Received 30.03.09  
Pre-treatment BS EN 1021-1 & -2 : 2006, Annex D and BS 5852:2006, Annex E as appropriate  
Conditioning BS EN 1021-1 & -2 : 2006, Clause 7 and BS 5852 : 2006, Clause 10 as appropriate

### TESTING

The material was tested according to BS EN 1021-1 : 2006 Furniture - Assessment of the ignitability of upholstered furniture, Smouldering Cigarette; BS EN 1021-2 : 2006 Furniture - Assessment of the ignitability of upholstered furniture, Match Flame Equivalent and BS 5852 : 2006, Clause 11, Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming Ignition Sources, using Ignition Source Crib 5.

For BS EN 1021-1 and -2 : 2006 the 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. The crib test results relate only to the ignitability of the combinations of upholstery composites (clause 4 of BS 5852 : 2006) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

### COMBINATION OF MATERIALS

The sample was tested over combustion modified foam with a density of approximately 35kg/m<sup>3</sup>, reference Recticel RS 35.

### RESULTS

Specimen No.	1	2	3
Smouldering Cigarette	Non-ignition	Non-ignition	
Match Flame Equivalent	Non-ignition	Non-ignition	Non-ignition
Ignition Source 5	Non-ignition	Non-ignition	

### CONCLUSION

The sample received meets the requirements of BS 7176 : 2007 Specification for Resistance to Ignition for Upholstered Furniture for Non-domestic Seating by Testing Composites and should indicate 'Complies with BS 7176 : 2007 Direct test for medium hazard hazard (not recommended for use in higher hazard areas)'.

  
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Mr J Firth  
Technical Manager  
END OF REPORT