



Fire Propagation & Spread of Flame

to BS 476: Part 6: 1989 and 476: Part 7: 1997

Summary of Performance

Document No. LS90 / FPFSS3

Ls90 Partitioning System

UV Cured Lacquered Veneered Faced Panel

This is to confirm that the construction of the above panel surface finish as detailed in the Building Test Centre Reports No. **BTC 13398F** and **BTC 13399F** (available on request) and **summarised overleaf** has been tested in accordance with British Standard 476: Parts 6 and 7: and satisfied the criteria for Fire Propagation and Spread of Flame achieving grade;

Test Description	Test Standard	Building Regulations Performance Classification		
		England / Wales Document B2	Northern Ireland Document E2	Scotland Document D7
Fire Propagation	476: Part 6	Class 0		Low Risk
Test Description	Test Standard	British Standard Performance Grade Achieved		
Spread of Flame	476: Part 7	Class 1		

For performance validation of the installed product this Summary of Performance must be accompanied by the signed Contractors Statement



Certificate No FM25967

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LS90/SFPSS3 - 04/13

LS90 Elegance Partitioning System

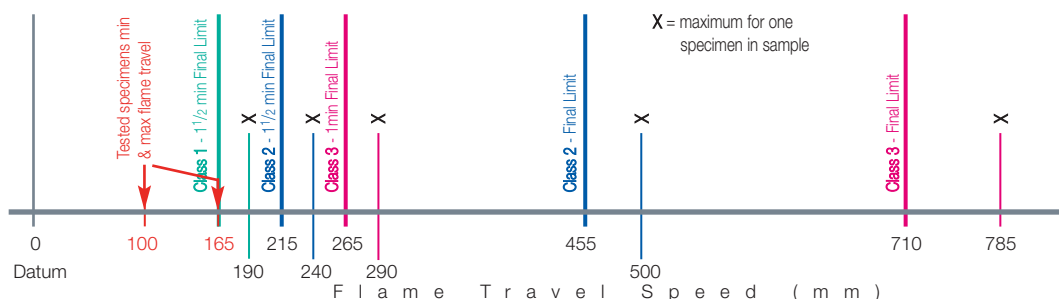
Fire Propagation and Spread of Flame Performance for UV Cured Lacquered Veneered Faced MDF Panel Solid Construction



Test Report: BTC 13398F
Test Date: 14th May 2004

Summary of Results

Spread of Flame in accordance with BS 476: Part 7: 1997						
Specimen number	1	2	3	4	5	6
Time to travel	min-sec	min-sec	min-sec	min-sec	min-sec	min-sec
75mm	0 - 48	0 - 57	0 - 57	0 - 51	0 - 56	0 - 47
165mm	1.25					
190mm						
215mm						
240mm						
265mm						
290mm						
375mm						
Time to reach maximum flame spread	1 - 38	1 - 05	1 - 31	1 - 15	1 - 08	1 - 09
Flame spread at 1 1/2 minutes (mm)	165	100	140	120	125	140
Final flame spread (mm)	165	100	140	120	125	140
Performance Classification	CLASS 1					
Test Specimen:	18mm thick 'Medite' FR class O MDF panel faced with a 0.6mm thick oak veneer and finished with a UV flame retardant basecoat UL2027 and topcoat UM 2050 0020 clear lacquer.					



Test Report: BTC 13399F
Test Date: 20th May 2004

Summary of Results

Fire Propagation in accordance with BS 476: Part 6: 1997						
Fire Propagation Index	Subindices			Building Regulations Performance Classification [#]		
	i_1	i_2	i_3	England / Wales Document B2	Northern Ireland Document E2	Scotland Document D7
9.15	3.10	3.78	2.26	CLASS O		LOW RISK

Building Regulations for England / Wales Approved Document 'B', Appendix 'A', Section 12, for Northern Ireland Approved Document E, Section 2.4 The highest product performance classification for lining is Class 'O'. In the Building Regulations for Scotland Section D7 The highest product performance classification for lining is 'Low Risk'. This is achieved if a material or surface of a composite product is either; **a)** composed throughout of materials of limited combustibility; or **b)** a Class 1 material which has a fire propagation index (I) of not more than 12 and sub-index (i_1) of not more than 6.

The above data must be read in conjunction with the test summary description given overleaf. The information given is an extract of the test report supplied by The Building Test Centre, East Leake, Loughborough. BTC is a UKAS approved Test Laboratory.



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