

SUMMARY OF WARRES No's

147276 & 147277

**Including Opinion Of Compliance With
The
Requirements For A Class 0 Surface
As Defined In Paragraph A13(b)
Of Approved Document B,
(2000 Edition Incorporating 2002
Amendments)
'Fire Safety', To The Building Regulations
2000**

Commercial in confidence

	PAGE NO.
CONTENTS	
TEST DETAILS.....	4
DESCRIPTION OF TEST SPECIMENS.....	5
CLASSIFICATION.....	7
SIGNATORIES.....	8

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

WWW.TAPETAUZLETHU

Test Details

Terms Of Reference

To assess the results of tests to BS 476:Part 6:1989 and BS 476:Part 7:1997, obtained on specimens of a product and to provide an opinion of compliance with the requirements for a Class 0 surface, as defined in Approved Document B to the Building Regulations 2000.

Introduction

Specimens of a product have been tested in accordance with the test methods specified in BS 476: Part 6: 1989 'Method of test for fire propagation of products' and BS 476: Part 7: 1997 'Surface spread of flame test for materials'. The results of the tests are fully reported in the warringtonfire test reports No's. 147276 and 147277.

This summary test report has been prepared at the request of the sponsor and relates the results of the tests to the requirements for a Class 0 surface of a material or composite product, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.

This summary should be read in conjunction with, and not accepted as a substitute for, the warringtonfire test reports No's. 147276 and 147277. Those test reports may include additional information which may be relevant to the assessment of the potential fire hazard of the product.

Face subjected to tests

The specimens were mounted in the test positions such that the decorative wallcovering face was exposed to the heating conditions of the tests.

Results of test

The following results were obtained for the specimens, which were tested.

Fire propagation index, I	=	3.5
subindex, i_1	=	0.5
subindex, i_2	=	2.4
subindex, i_3	=	0.6

BS 476: Part 6:
1989

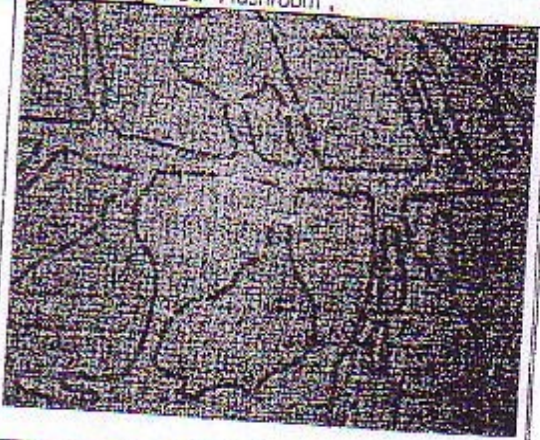
BS 476: Part 7:
1997

Class 1 surface spread of flame

The test results relate only to the behaviour of the test specimens of the product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential hazard of the product in use.

Description of Test Specimens

The description of the specimens given below has been prepared from information provided by the sponsor of the test. All values quoted are nominal, unless tolerances are given. The specimens were supplied by the sponsor of the test. Warringtonfire was not involved in any selection or sampling procedure. Warringtonfire supplied the plasterboard substrate and bonded the composite together.

General description	Wallcovering bonded to skimmed plasterboard utilising "Formula 350" adhesive. The wallcovering incorporated creases on its exposed face.	
Orientation of creases for purpose of test	Each specimen was tested with the creases running horizontally	
Manufacturer of wallcovering	The sponsor has provided this information, however, at the specific request of the sponsor, this information has been omitted from the report and is held on the confidential file relating to this investigation	
Product reference of wallcovering	"Botanicus 74877"	
Overall wallcovering thickness	Between 0.23 and 0.45cm (variation due to creases)	
Overall wallcovering weight per unit area	See Note 1 below	
Batch reference of wallcovering	"ULF MORITZ SCALA"	
Range reference of wallcovering	"74877"	
Pattern reference of wallcovering	See Note 1 below	
Colour reference of wallcovering	The sponsor was unable to provide this information as they are not the manufacturer of the product. Warringtonfire determined the base colour of the wallcovering to be "Mushroom".	
Photograph of wallcovering		
Print	Product reference	See Note 1 below
	Generic type	
	Name of manufacturer	5g/m ²
	Application rate	
	Application method	
	Curing process	See Note 1 below
Flame retardant details		

Coating	Product reference	See Note 1 below		
	Generic type		Polyvinyl chloride, calcium carbonate, titanium dioxide	
	Name of manufacturer			
	Application rate		See Note 1 below	
	Application method		15g/m ² (PVC), 20g/m ² (CaCO ₃)	
Backing	Curing process	See Note 1 below		
	Flame retardant details			
	Product reference		See Note 1 below	
	Generic type			Non woven
	Name of manufacturer			
Thickness				
Weight per unit area	175g/m ²			
Adhesive (wallcovering to substrate)	Flame retardant details	See Note 1 below		
	Product reference		"Formula 350"	
	Generic type		Water based dispersion, containing starch and PVA	
	Name of manufacturer		Halls Beeline	
	Application rate		Between 5.6m ² /kg	
Substrate	Application method	Brush applied		
	Flame retardant details		Zinc Hydroxy Stannate and Chlorinated paraffin	
	Product reference		"Gyproc Wallboard"	
	Generic type		Gypsum board skimmed on one face with a 2mm thick coating of gypsum finished plaster	
	Name of manufacturer		British Gypsum	
Brief description of manufacturing process of wallcovering	Thickness	12.5mm		
	Density	570kg/m ³		
	Flame retardant details	The supplier was unable to provide warringtonfire with this information		
		See Note 1 below		

Note 1. The sponsor of the test was unable to provide this information

The sponsor has confirmed that the specimens were manufactured by another party. The sponsor has been unable to obtain from the manufacturer some details that would normally be included in warringtonfire test reports. The sponsor has confirmed that the manufacturer was unwilling to provide these details due to the manufacturer wishing to discourage plagiarism. The description of the specimens given above therefore is not as complete as would normally be the case for descriptions included in warringtonfire test reports, and the description does not fully comply with the requirements of the standard. In all other respects, however, the tests were conducted fully in accordance with the requirements of the standard and the test results are valid

Classification

Opinion

We consider the results of the tests detailed above demonstrate that the product, as tested, complies with the requirements for Class 0, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.

Validity of opinion

This opinion is based on the requirements of the Building Regulations at the date of this report. If the Building Regulations are revised or amended in any way subsequent to that date, care must be taken to ensure that this opinion is not invalidated by those revisions or amendments.

The opinion has been formulated on the assumption that the specimens are representative of the product in practice. Warringtonfire was not involved in any sampling or selection procedures which would confirm this or in any audit testing which would provide confidence in the consistency of the product in the tests.

This report may only be reproduced in full. Extracts or abridgements shall not be published without permission of warringtonfire

Signatories

T. Mort
Responsible Officer
T. Mort *

I. Moore
Approved
I. Moore*
Laboratory Supervisor

* For and on behalf of Warringtonfire.

Report Issued: 27th June 2005