

**Class '0' Summary  
Report**

**WF Report Numbers:**

**148101 & 148102**

**Date:**

**12<sup>TH</sup> October 2006**

**Test Sponsor:**

**Fidelity (Europe)  
Limited**



**SUMMARY OF WF No's 148101 & 148102**

**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**

**Sponsored By**

**Fidelity (Europe) Limited  
Broad Oak Enterprise Village  
Sittingbourne  
Kent  
ME9 8AQ**

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## 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. 148101 and 148102.

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. 148101 and 148102. 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.

#### BS 476: Part 6: 1989

Fire propagation index, I	=	7.9
subindex, i <sub>1</sub>	=	2.7
subindex, i <sub>2</sub>	=	4.4
subindex, i <sub>3</sub>	=	0.8

#### 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.

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## 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 adhesive and plasterboard substrate and bonded the composite together.

General description		Wallcovering bonded to skimmed plasterboard utilising 'Murabond Heavy' adhesive
Product reference of wallcovering		"Command-Platinum, Grande Design / Naturele"
Overall wallcovering thickness		0.53mm
Overall wallcovering weight per unit area		451g/m <sup>2</sup>
Batch reference of wallcovering		"101"
Range reference of wallcovering		"Contract Wallcoverings"
Pattern reference of wallcovering		"Microfibre"
Colour reference of wallcovering		"53101"
Coating	Product reference	The sponsor of the test has confirmed that the coating does not have a specific product reference
	Generic type	Polyvinyl chloride
	Name of manufacturer	Fidelity Industries Incorporated
	Thickness of film	29 microns
	Application method	Lamination
	Curing process	<b>See Note 1 below</b>
	Flame retardant details	<b>See Note 1 below</b>
Backing	Product reference	"Non Woven"
	Generic type	Synthetic cloth
	Name of manufacturer	Alstrom
	Thickness	24 microns
	Weight per unit area	200g/m <sup>2</sup>
	Flame retardant details	<b>See Note 2 below</b>
Adhesive	Product reference	"Murabond Heavy"
	Generic type	Polyvinyl acetate
	Name of manufacturer	Hall's Beeline
	Application rate	200g/m <sup>2</sup>
	Application method	Brush applied
	Flame retardant details	The supplier was unable to provide warringtonfire with this information
Substrate	Product reference	"Gyproc Wallboard"
	Generic type	Gypsum board skimmed on one face with a 2mm thick coating of gypsum finish plaster
	Name of manufacturer	British Gypsum
	Thickness	12.5mm
	Density	670kg/m <sup>3</sup>
	Flame retardant details	The supplier was unable to provide warringtonfire with this information
Brief description of manufacturing process of wallcovering		The PVC film is laminated to the back coat

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

**Note 2. The sponsor of the test was unable to provide this information**

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## Classification

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### 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.

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## Signatories

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Responsible Officer  
T Mort\*

  
Approved  
I Moore\*  
Laboratory Supervisor

  
Head Of Department  
P E Lythgoe\*

\* For and on behalf of warringtonfire.

*Report Issued: 12<sup>th</sup> October 2006*