

**Class '0' Summary
Report**

WF Report Numbers:

151289 & 151290

Date:

3rd April 2006

Test Sponsor:

**Neu Kaliss
Spezialpapier GmbH**



SUMMARY OF WF No's 151289 & 151290

**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

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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 O 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. 151289 and 151290.

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 O 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. 151289 and 151290. 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 wall covering 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	=	0.9
subindex, i_1	=	0.5
subindex, i_2	=	0.2
subindex, i_3	=	0.2

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		A printed, non-woven wallcovering bonded, utilising 'Metylan' adhesive, to a skimmed plasterboard substrate
Product reference of wallcovering		"344605"
Overall wallcovering thickness		1mm
Overall wallcovering weight per unit area		135g/m ²
Name of manufacturer of wallcovering		Service print BV
Batch reference of wallcovering		"02.A"
Range reference of wallcovering		"Collection Bambon"
Pattern reference of wallcovering		"344605"
Colour reference of wallcovering		"Brown"
Print	Product reference	"344605"
	Generic type	Ink
	Name of manufacturer	Service Print BV
	Application rate	5g/m ²
	Application method	Air knife
	Curing process	120°C for a period of 2 minutes
	Flame retardant details	See Note 1 below
Coating	Product reference	"FW 1090 / 7024 Weiss"
	Generic type	Clay coating
	Name of manufacturer	Follman
	Application rate	15g/m ²
	Application method	Air knife
	Curing process	100°C for a period of 20 seconds
	Flame retardant details	See Note 1 below
Backing	Product reference	"TV 110-592"
	Generic type	Non woven paper, viscose and polyester
	Name of manufacturer	Neu Kaliss Spezialpapier GmbH
	Thickness	280 microns
	Weight per unit area	110g/m ²
	Flame retardant details	See Note 2 below
Adhesive	Product reference	"Metylan Spezial"
	Generic type	Cellulose
	Name of manufacturer	Henkel
	Application method	Brush
	Flame retardant details	See Note 2 below

Substrate	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
	Thickness	12.5mm
	Density	670kg/m ³
	Flame retardant details	The supplier was unable to provide Warringtonfire with these details
Brief description of manufacturing process of wallcovering		The sponsor of the test did not provide details relating to the manufacturing process

Note 1. The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component

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

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.

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Signatories


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Approved
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* For and on behalf of warringtonfire.

Report Issued: 3^d April 2006