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Class 0 summary report

**Including Opinion Of
Compliance With The
Requirements For A Class 0
Surface As Defined In
Paragraph A13(b) Of Approved
Document B (Volumes 1 & 2),
(2006 Edition) 'Fire Safety' To
The Building Regulations 2000**

**Summary of WF Additional
Report Numbers**

**189341 (Issue 2) &
189342 (Issue 2)**

Date:

7th January 2010

Test Sponsor:

Neschen AG
Postfach 1340
D-31675 Bückebug
Germany

Executive Summary

Objective To assess the results of tests to BS 476:Part 6:1989 and BS 476:Part 7:1997, obtained on specimens of the following composite 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.




Generic Description	Product reference	Thickness	Weight per unit area or density
Paper backed vinyl wall covering adhered to a skimmed plasterboard substrate	"Solvoprint Wallpaper P (Solvoprint Wallpaper Smooth P; Solvoprint Wallpaper Sand P; Solvoprint Wallpaper Linen P; Solvoprint Wallpaper Stucco P; Solvoprint Wallpaper Classic P)"	Not stated	Not stated
Individual components used to manufacture composite:			
Wallcovering	"Solvoprint Wallpaper P range"	Not stated	295g/m ²
PVA Adhesive	Not stated	Not stated	Not stated
Skimmed plasterboard	Not stated	12.5mm	Not stated
Please see page 5 of this test report for the full description of the product tested			

Test Sponsor Neschen AG, Postfach 1340, D-31675 Bückeberg, Germany

Opinion We consider the results of the tests to BS 476:Part 6:1989 and BS 476:Part 7:1997, 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.

Date of Test 17th & 23rd October 2003 (Part 7), 22nd October 2003 (Part 6)

Signatories

	
Responsible Officer S. Deeming * Senior Technical Officer	Approved T. Mort * Senior Technical Officer
	* For and on behalf of Exova Warringtonfire.
Authorised C. Dean * Operations Manager	Report Issued: 7 th January 2010

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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 for products' and BS 476: Part 7: 1997 'Method of test to determine the classification of the surface spread of flame of products'. The results of the tests are fully reported in the **Exova Warringtonfire** additional test report No's. 189341 (Issue 2) and 189342 (Issue 2).

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 **Exova Warringtonfire** additional test report No's. 189341 (Issue 2) and 189342 (Issue 2). 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 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	=	3.6
	subindex, i_1	=	1.0
	subindex, i_2	=	2.1
	subindex, i_3	=	0.5

**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.

A decorative, paper backed, vinyl wall covering which was stated by the original sponsor to have been selected from the "Solvoprint Wallpaper P (Solvoprint Wallpaper Smooth P; Solvoprint Wallpaper Sand P; Solvoprint Wallpaper Linen P; Solvoprint Wallpaper Stucco P; Solvoprint Wallpaper Classic P)" range of decorative, paper backed, vinyl wall coverings, was bonded with a PVA adhesive to the skimmed face of 12.5mm thick plasterboard which had been skimmed on one face with a 2mm thick coating of gypsum finish plaster.

The wall covering consisted of a paper backing having a weight of 90g/m², coated on one face with PVC applied to a weight of 205g/m².

The specimens of wall covering were supplied by the original sponsor. Exova Warringtonfire was not involved in any selection or sampling procedure. Exova Warringtonfire supplied the adhesive and the skimmed plasterboard and bonded the composite together.

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. **Exova 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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