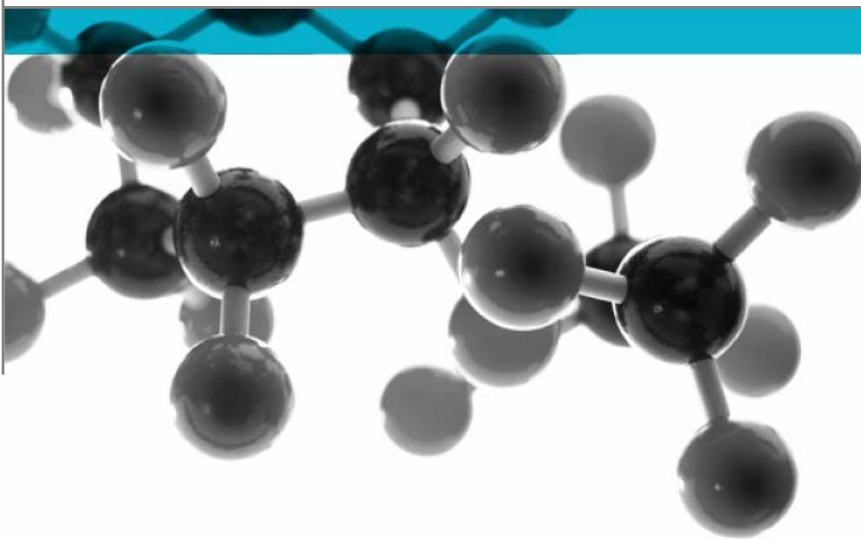


Class 0 Summary Report



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

Date: 10th January 2018

Issue No.: 1

Page 1

A Report To: WSBL Ltd.

Document Reference: 391074 & 391077

**Testing
Advising
Assuring**

Executive Summary

Objective

To assess the results of tests to BS 476:Part 6:1989+A1: 2009 and BS 476:Part 7:1997, obtained on specimens of the following 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.

Generic Description	Product reference	Thickness	Weight per unit area or density
Polymeric acoustic barrier mat	"Revac ® Momentum S 50 FF"	2.5mm	5kg/m ² (±20%)
Individual components used to manufacture composite:			
Glass fibre reinforced aluminium foil	"BCO"	18 microns	64g/m ²
• Aluminium foil	Not stated	Not stated	Not stated
• Glass fibre reinforcement scrim	Not stated	Not stated	Not stated
Adhesive	Not stated	Not stated	25g/m ²
Rubber	"Revac ® Momentum S"	2.5mm	5kg/m ²
Please see pages 5 & 6 of this test report for the full description of the product tested			

Test Sponsor

WSBL Ltd., Durbar Mill, Hereford Road, Blackburn, Lancashire, BB1 3JU.


Opinion:

We consider the results of the tests to BS 476:Part 6:1989+A1: 2009 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

15th November 2017

Signatories



Responsible Officer
C. Meachin *
Technical Officer



Authorised
S. Deeming *
Business Unit Head

* For and on behalf of **Exova Warringtonfire**.

Report Issued: 10th January 2018

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Test Details

Terms Of Reference To assess the results of tests to BS 476:Part 6:1989+A1: 2009 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+A1: 2009 '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** test reports No's. 391074 and 391077.

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** test reports No's. 391074 and 391077. 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 foil 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+A1: 2009	Fire propagation index, I	=	4.3
	subindex, i_1	=	0.6
	subindex, i_2	=	1.0
	subindex, i_3	=	2.7

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. This information has not been independently verified by **Exova Warringtonfire**. All values quoted are nominal, unless tolerances are given.

General description		Polymeric acoustic barrier mat	
Product reference		"Revac @ Momentum S 50 FF"	
Name of manufacturer		WSBL Ltd	
Thickness		2.5mm (stated by sponsor) 2.15mm (determined by Exova Warringtonfire)	
Weight per unit area		5 kg/m ² ±20% (stated by sponsor) 4.15kg/m ² (determined by Exova Warringtonfire)	
Glass fibre reinforced aluminium foil composite	Generic type	Glass fibre scrim reinforced aluminium foil composite	
	Product reference	"BCO"	
	Name of manufacturer	Rothel	
	Thickness	18 microns	
	Weight per unit area	64g/m ²	
	Foil	Generic type	Aluminium foil
		Product reference	See Note 1 below
		Name of manufacturer	Rothel
		Thickness	See Note 1 below
		Density / weight per unit area	See Note 1 below
		Colour reference	"Silver"
		Flame retardant details	See Note 2 below
	Reinforcing scrim	Generic type	Glass fibre scrim
		Product reference	See Note 1 below
		Name of manufacturer	Rothel
		Colour reference	"White"
		Thickness	See Note 1 below
		Density / weight per unit area	See Note 1 below
		Type of weave / cell dimensions	Plain weave 5mm x 5mm
	Flame retardant details	See Note 2 below	
Adhesive	Generic type	Polythene hot melt adhesive	
	Product reference	See Note 1 below	
	Name of manufacturer	ROTHEL	
	Colour reference	"Clear"	
	Application rate	25 g/m ²	
	Application method	See Note 1 below	
	Flame retardant details	See Note 2 below	

Continued on next page

Rubber	Generic type	Thermoplastic elastomer
	Product reference	"Revac® Momentum S"
	Detailed description / composition details	See Note 3 below
	Name of manufacturer	WSBL Ltd
	Thickness	2.5 mm
	Density	2 g/cm ³
	Weight per unit area	5kg/m ²
	Colour reference	"Black"
	Flame retardant details	See Note 2 below
Brief description of manufacturing process		See Note 3 below

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

Note 2. The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.

Note 3. The sponsor of the test has provided this information but at the specific request of the sponsor, these details have been omitted from the report and are instead held on the confidential file relating to this investigation.

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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Revision History

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Reason for Revision:	

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