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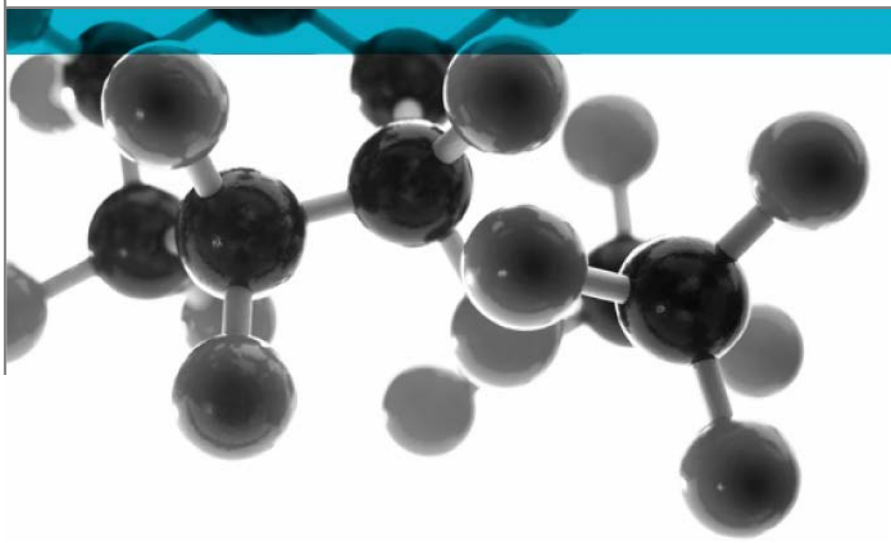
Class 0 Summary Report



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

A Report To: Pristine Specialist Ceilings Ltd

Document Reference: 430407

Date: 1st July 2020

Issue No.: 1

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
Airtight coating for blockwalls	"Elite Airtight"	50.25mm* (thickness tested)	77.34kg/m^2* (thickness tested)
Individual components used to manufacture composite:			
Water based coating	"Elite Airtight"	Not applicable	1.5m^2/l
Substrate	"Hollow dense concrete block"	50mm	Unable to provide
***determined by Warringtonfire**			
Please see page 5 of this test report for the full description of the product tested			

Test Sponsor

Pristine Specialist Ceilings Ltd, Unit 10 Phoenix Workshops, Station Road, Mochdre, Conwy, LL28 5EF

Opinion:

We consider the results of the tests to BS 476:Part 6:1989+A1: 2009 (WF No.429840) and BS 476:Part 7: 1997 (WF No. 429839), 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

23rd & 26th June 2020

Signatories

Responsible Officer C. Jacques * Senior Technical Officer	Authorised T. Deluce * Senior Technical Officer

* For and on behalf of Warringtonfire.

Report Issued: 1st July 2020

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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 Warringtonfire test reports No's. 429839 and 429840.

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. No's. 429839 and 429840. 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+A1: 2009

Fire propagation index, I	=	0.1
subindex, i_1	=	0.1
subindex, i_2	=	0.0
subindex, i_3	=	0.0

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 Warringtonfire**.** All values quoted are nominal, unless tolerances are given.

General description		Airtight coating for blockwalls
Product reference of coating system		"Elite Airtight"
Name of manufacturer		**See Note 1 Below**
Thickness tested		50.25mm (determined by Warringtonfire)
Weight per unit area		77.34kg/m^2 (determined by Warringtonfire)
Coating product	Generic type	Water based coating
	Product reference	"Elite Airtight"
	Name of manufacturer	**See Note 1 Below**
	Number of coats	2
	Application rate	1.5m^2/l
	Specific gravity	
	Application method	Airless spray machine & roller
	Flame retardant details	**See Note 2 Below**
	Curing process	24 hours
Substrate	Generic type	Concrete breeze blocks
	Product reference	"Hollow Dense Concrete Block"
	Name of manufacturer	Build for less – Huwes Grey
	Thickness	50mm
	Density	**See Note 3 Below**
	Flame retardant details	**See Note 2 Below**
Brief description of manufacturing process of coatings		**See Note 3 Below**

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

Note 2: The sponsor of the test has confirmed that no flame retardants were used in the production of this product.

Note 3: 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.

Revision History

Issue No :	Re-issue Date:
Revised By:	Approved By:
Reason for Revision:	

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