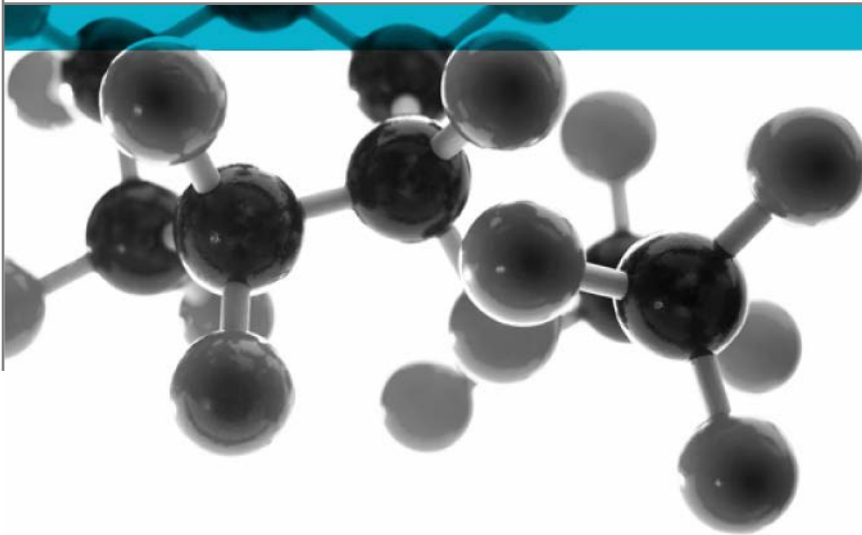


Class 0 Summary Report



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: 28th January 2020

Issue No.: 1

Page 1

A Report To: Metamark UK Limited

Document Reference: 423291 & 423292

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
Self adhesive vinyl film applied to a 5mm glass substrate		"MD5 / M7 / Etch"	5.02mm*	12.27kg/m ² *
Individual components used to manufacture composite:				
Self-adhesive film	Film	"MD5 / M7 / Etch"	70-80micron	105g/m ²
	Adhesive	"Apex"	20micron	Not stated
Glass		Unable to provide	5mm	Unable to provide
*determined by Warringtonfire				
Please see page 5 of this test report for the full description of the product tested				

Test Sponsor Metamark UK Limited, Luneside, New Quay Road, Lancaster LA1 5QP


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 14th & 17th January 2020

Signatories



Responsible Officer
 H Harper *
 Testing Officer



Authorised
 T. Mort *
 Senior Technical Officer

* For and on behalf of [Warringtonfire](#).

Report Issued: 28th January 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. 423291 and 423292.

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. 423291 and 423292. Those test reports may include additional information which may be relevant to the assessment of the potential fire hazard of the product.

The specimens were tested with an airgap positioned behind the product as described in test report No. 423291 and test report No. 423292.

Face subjected to tests

The specimens were mounted in the test positions such that the film 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	=	0.0
subindex, i_1	=	0.0
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		Self adhesive vinyl film applied to a 5mm glass substrate	
Overall thickness		5.02mm (determined by Warringtonfire)	
Overall weight per unit area		12.27kg/m ² (determined by Warringtonfire)	
Self adhesive film	Product reference	"MD5 / M7 / Etch"	
	Name of manufacturer	Metamark UK Ltd	
	Overall thickness	90 – 100 microns	
	Overall weight per unit area	125g/m ²	
	Film	Generic type	Polymeric calendared vinyl film
		Product reference	"MD5 / M7 / Etch"
		Name of manufacturer	See Note 1 below
		Thickness	70-80microns
		Weight per unit area	105g/m ²
		Flame retardant details	See Note 2 below
	Adhesive	Generic type	Solvent based pure acrylic pressure sensitive adhesive
		Product reference	"Apex"
		Name of manufacturer	See Note 1 below
		Application thickness	20 microns
		Specific gravity	See Note 3 below
		Colour reference	See Note 3 below
		Colour	"Clear"
		Application method	Precision coater
Flame retardant details	See Note 2 below		
Glass	Generic type	Annealed Glass	
	Product reference	See Note 3 below	
	Name of manufacturer / supplier	Kite Glass	
	Thickness	5mm	
	Weight per unit area	See Note 3 below	
Flame retardant details	Inherently flame retardant		
Brief description of manufacturing process		Application of polyvinyl chloride film after precision coating and drying of solvent based pure acrylic pressure sensitive adhesive	

Note 1: The sponsor was unwilling 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 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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Revision History

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