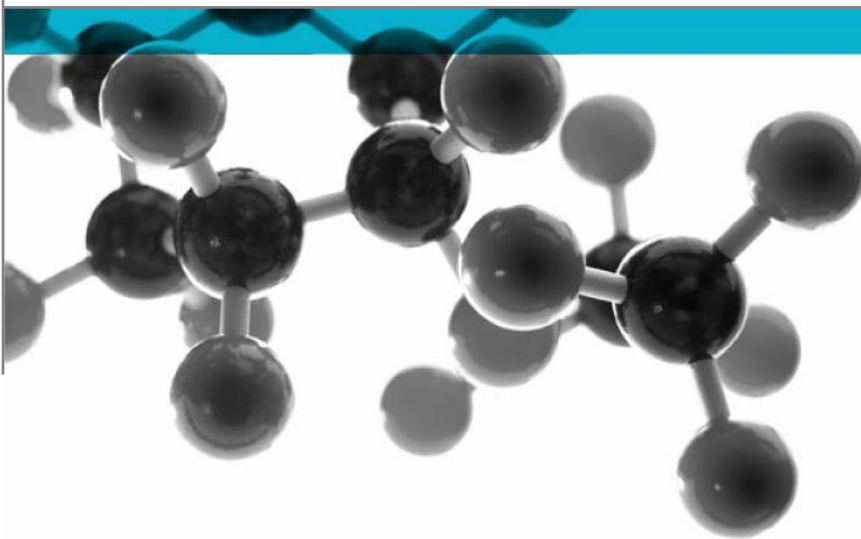


Class 0 Summary Report



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: 22nd November 2016

Issue No.: 1

Page 1

A Report To: profine GmbH

Document Reference: 375423 & 375424

**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
Polyvinyl chloride board product adhered to a calcium silicate substrate	"Kömadur Composite"	12.5mm	12.56kg/m ² *
Individual components used to manufacture composite:			
Board	"Kömadur"	2.5mm	1.44g/cm ³
Adhesive	"Körapur 666"	Unwilling to provide	Not stated
Substrate	"Promatect-H-Brandschutzplatte"	10mm	9.2kg/m ²
*Determined by Exova Warringtonfire			
Please see page 5 of this test report for the full description of the product tested			

Test Sponsor

profine GmbH, Zweibrückerstrasse 200, 66954 Pirmasens, Germany


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

28th & 31st October 2016

Signatories



Responsible Officer
 C. Meachin *
 Technical Officer



Authorised
 T. Mort *
 Senior Technical Officer

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

Report Issued: 22nd November 2016

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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. 375423 and 375424.

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. 375423 and 375424. 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 PVC 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	=	9.7
	subindex, i_1	=	2.6
	subindex, i_2	=	5.2
	subindex, i_3	=	1.9

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.

General description		Polyvinyl chloride board product adhered to a calcium silicate substrate
Product reference		"Kömadur Composite"
Name of manufacturer		Profine GmbH
Thickness		12.5mm (stated by sponsor) 12.62mm (determined by Exova Warringtonfire)
Weight per unit area		12.56kg/m ² (determined by Exova Warringtonfire)
Board	Generic type	Polyvinyl chloride (PVC)
	Product reference	"Kömadur"
	Detailed description	See Note 1 Below
	Name of manufacturer	Profine GmbH
	Thickness	2.5mm
	Density	1.44g/cm ³
	Colour reference	"Grey"
	Flame retardant details	See Note 1 Below
Adhesive	Generic type	Polyurethane
	Product reference	"Körapur 666"
	Name of manufacturer	Kömmerring Chemische Fabrik GmbH
	Colour reference	See Note 1 Below
	Application thickness	See Note 1 Below
	Application method	Spread
	Flame retardant details	See Note 1 Below
	Curing process	See Note 1 Below
Substrate	Generic type	Calcium - silicate
	Product reference	"Promatect-H-Brandschutzplatte"
	Name of manufacturer	Promat
	Thickness	10mm
	Weight per unit area	9.2kg/m ²
	Colour reference	"White" (Observed by Exova Warringtonfire)
	Flame retardant details	See Note 1 Below
Brief description of manufacturing process		See Note 1 Below

Note 1: The sponsor was unwilling 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. **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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