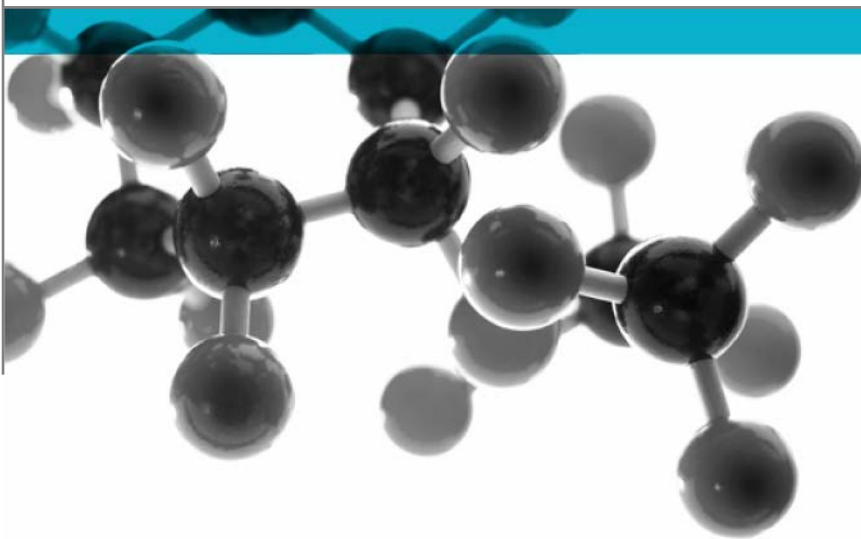


Class 0 Summary Report



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: 19th December 2017

Issue No.: 1

Page 1

A Report To: Sanglier Ltd.

Document Reference: 392969 & 392970

**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 / application rate	Weight per unit area or density
Calcium Silicate Board coated with adhesive	"Tuskbond ONE Test Panels"	9.54mm *	9.34kg/m ² *
Individual components used to manufacture composite:			
Adhesive	"Tuskbond ONE"	50g/m ²	Not stated
Substrate	"Supalux"	9mm	950 kg/m ³
*Determined by Exova Warringtonfire			
Please see page 5 of this test report for the full description of the product tested			

Test Sponsor Sanglier Ltd., Shelley Close, Lowmoor Business Park, Kirkby in Ashfield, Nottingham, NG17 7JZ


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 13th December 2017

Signatories



Responsible Officer
C. Meachin *
Technical Officer



Authorised
B. Dean *
Technical Leader

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

Report Issued: 19th December 2017

This version of the report has been produced from a .pdf format electronic file that has been provided by **Exova Warringtonfire** to the sponsor of the report and must only be reproduced in full. Extracts or abridgements of reports must not be published without permission of **Exova Warringtonfire**.

CONTENTS	PAGE NO.
EXECUTIVE SUMMARY	2
SIGNATORIES.....	2
TEST DETAILS.....	4
DESCRIPTION OF TEST SPECIMENS.....	5
CLASSIFICATION	6
REVISION HISTORY	7

Test Details

Terms Reference **Of** 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. 392969 and 392970.

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. 392969 and 392970. 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 adhesive 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	=	1.0
	subindex, i_1	=	0.4
	subindex, i_2	=	0.4
	subindex, i_3	=	0.2

**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		Calcium Silicate Board coated with adhesive
Product reference		"Tuskbond ONE Test Panels"
Name of manufacturer		Sanglier Ltd
Thickness		9.54mm (determined by Exova Warringtonfire)
Weight per unit area		9.34kg/m ² (determined by Exova Warringtonfire)
Adhesive (test face)	Generic type	Styrene butadiene rubber copolymer contact adhesive
	Product reference	"Tuskbond ONE"
	Name of manufacturer	Sanglier Ltd
	Colour reference	"Pale Amber"
	Application rate per coat	50g/m ²
	Application method	Spray
	Flame retardant details	See Note 1 below
Curing process per coat		Solvent evaporation
Substrate	Generic type	Calcium silicate board
	Product reference	"Supalux"
	Name of manufacturer	Promat UK Ltd
	Thickness	9mm
	Density	950 kg/m ³
	Colour reference	"Off-White"
Flame retardant details		See Note 2 below
Brief description of manufacturing process		<ol style="list-style-type: none"> 1. A web of adhesive was spray applied, from a canister, on to a clean, dust free calcium silicate panel of known weight. 2. The adhesive solvent was allowed to evaporate and the dry weight of adhesive calculated. 3. The process was repeated until a dry coat weight of 50 g/m² was achieved.

Note 1: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.

Note 2: 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. **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.

This report may only be reproduced in full. Extracts or abridgements shall not be published without permission of **Exova Warringtonfire**.

Revision History

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

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