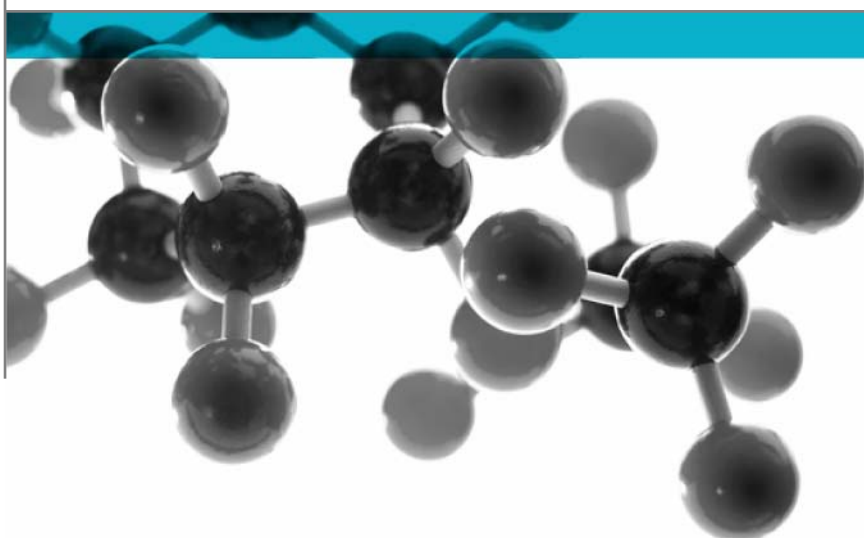


Class 0 Summary Report



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: 12th September 2011

Issue No.: 2

Page 1

A Report To: Teksan Jenerator Elektrik San.ve Tic. A.S.

Document Reference: 310739 & 310740

**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.

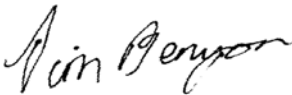
Generic Description	Product reference	Thickness	Weight per unit area or density
Flame retardant grade polyurethane foam	"Acoustic Foam"	20mm	100kg/m ³
Please see page 5 of this test report for the full description of the product tested			

Test Sponsor Teksan Jenerator Elektrik San ve Tic. A.S., Yenidogan Mah, Edebali Cad, No:12 PK:34791 Sancaktepe, Istanbul, Turkey

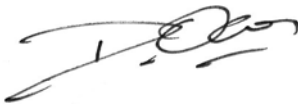
Opinion: We consider the results of the tests to BS 476:Part 6:1989+A1: 2009 and BS 476:Part 7: 1997, demonstrate that the product, as tested, complies with the requirements for Class 0, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.

Date of Test 2nd September 2011

Signatories



Responsible Officer
T. Benyon *
Technical Officer



Authorised
D. J. Owen *
Senior Technical Officer

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

Report Issued: 12th September 2011

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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 310739 and 310740.

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 310739 and 310740. 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 one of two identical faces 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	Fire propagation index, I	= 6.8
	subindex, i_1	= 2.5
	subindex, i_2	= 3.0
	subindex, i_3	= 1.3

BS 476: Part 7: 1997	Class 1 surface spread of flame
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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	Flame retardant grade polyurethane foam
Product reference	"Acoustic Foam"
Composition details	Flexible polyurethane foam, inorganic Hydroxide, binder, pigment & surfactane
Name of manufacturer	Teksan Jenerator Elektrik San. ve Tic. A.S.
Density	100kg/m ³ (stated by sponsor) 141kg/m ³ (determined by Exova Warringtonfire)
Thickness	20mm (stated by sponsor) 18.6mm (determined by Exova Warringtonfire)
Colour	"Black"
Flame retardant details	See Note 1 below
Brief description of manufacturing process	Flame retardant (Aluminium hydroxide) is infiltrated to polyurethane foam

Note 1: 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

Issue No : 2	Re-issue Date: 14 th September 2011
Revised By: T. Benyon	Approved By: D. J. Owen
Reason for Revision: This document replaces issue 1 (dated 12th September 2011) of the same number which has been withdrawn. The sponsor of the test has requested that the flame retardant details in the issue 1 report be removed and kept confidential as detailed in this issue 2 report.	

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