

**Class '0' Summary
Report**

WF Report Numbers:

175281 & 175282

Date:

11th August 2008

Test Sponsor:

**Akustifoam Teknik
Sünger San. Ve Tic Ltd.
Şti**



SUMMARY OF WF REPORT No's. 175281 & 175282

**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**

Sponsored By

**Akustifoam Teknik Sünger San. Ve Tic Ltd. Şti
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Test Details

Terms Of Reference To assess the results of tests to BS 476:Part 6:1989 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 'Method of test for fire propagation of products' and BS 476: Part 7: 1997 'Surface spread of flame test for materials'. The results of the tests are fully reported in the **Bodycote warringtonfire** test reports No's. 175281 and 175282.

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 **Bodycote warringtonfire** test reports No's. 175281 and 175282. 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	=	11.8
subindex, i_1	=	3.7
subindex, i_2	=	6.1
subindex, i_3	=	2.0

**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. All values quoted are nominal, unless tolerances are given. The specimens were supplied by the sponsor of the test. **Bodycote warringtonfire** was not involved in any selection or sampling procedure.

General description	A flame retardant grade, high density polyurethane (PU) based acoustic foam
Trade name / product reference	"Akusticell"
Detailed description / composition details	See Note 1 below
Name of manufacturer	Akustifoam Teknik Sünger San. Ve Tic. Ltd. Şti.
Density	Between 70 and 100 kg/m ³ (stated by sponsor) 103.6kg/m ³ (determined by Bodycote warringtonfire)
Thickness	25mm (stated by sponsor) 24.8mm (determined by Bodycote warringtonfire)
Colour	"Black"
Flame retardant details	See Note 1 below
Brief description of manufacturing process	The product is produced by an impregnation process whereby some chemicals are added to the conventional PU foam.

Note 1. The sponsor of the test 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. **Bodycote 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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Signatories



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* For and on behalf of **Bodycote warringtonfire**.

Report Issued: 11th August 2008

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