

**Class '0' Summary  
Report of WARRES No's.  
141237 & 141238**

**WF Report Number:**

**174895**

**Date:**

**11<sup>th</sup> July 2008**

**Test Sponsor:**

**Eksen Teknik Sünger  
Sanayi Ve Ticaret Ltd.  
Sti**



**SUMMARY OF WARRES No's 174237 & 141238**

**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**

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## Test Details

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### 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. 141237 and 141238.

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. 141237 and 141238. 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 the 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 = 7.0**

**subindex, i<sub>1</sub> = 2.5**

**subindex, i<sub>2</sub> = 3.4**

**subindex, i<sub>3</sub> = 1.1**

#### BS 476: Part 7: 1997

**Class 1Y 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	Flexible open-cell flame retardant polyurethane foam
Trade name/product reference	"Procell Flame Proof Acoustical Foam"
Generic type	Polyurethane
Name of manufacturer	Eksen Teknik Sunger Sanayi ve Ticaret Ltd.Sti.-Turkey
Density / weight per unit area	90-100 kg/m <sup>3</sup>
Thickness	25 mm
Colour	"Black"
Flame retardant details	Aluminatrihydrate (ATH)
Skinned surface (yes or no)	No
Brief description of manufacturing process	A water based chemical compound containing high loading aluminatrihydrate is impregnated to the open-cell structured polyurethane foam. This additive is bound to the foam substrate by cured film and is water insoluble.

## Classification

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### 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.

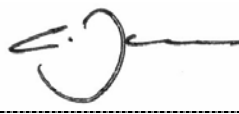
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## Signatories

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Operations Manager

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

<i>Report Issued: 17<sup>th</sup> July 2008</i>
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