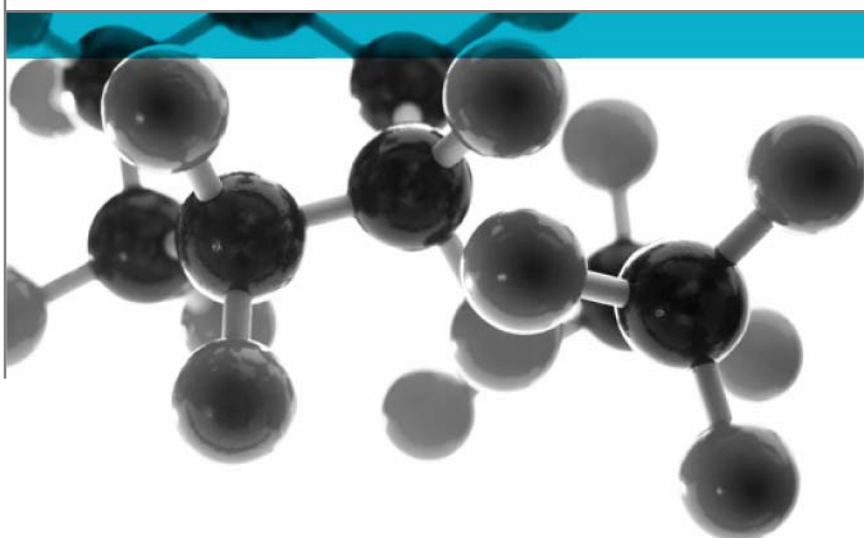


Class 0 Summary Report



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

A Report To: Staron UK Limited

Document Reference: 323316 & 323317

Date: 16th November 2012

Issue No.: 2

Page 1

**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	Density
Flame retardant solid surface material	"Tristone Solid Surface A104"	12.3mm	1.75g/cm ³
Please see page 5 of this test report for the full description of the product tested			

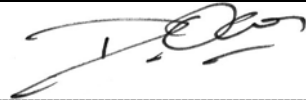

Test Sponsor Staron UK Limited, Unit 1, Orde Wingate Way, Primrose Hill Industrial Estate, Stockton, TS19 0GA, United Kingdom

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 30th October 2012

Reason for revision This document replaces issue 1 (dated 9th November 2012) of the same number which has been withdrawn. The product and colour reference detailed in the issue 1 report were incorrect and the correct product reference "Tristone Solid Surface A104" and colour reference "Tristone Pure white" have been detailed in this issue 2 report.

Signatories

	
Responsible Officer D. J. Owen * Senior Technical Officer	Authorised T. Mort * Senior Technical Officer

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

Report Issued: 16th November 2012

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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 323316 and 323317.

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 323316 and 323317. Those test reports may include additional information which may be relevant to the assessment of the potential fire hazard of the product.

The specimens were tested with an airgap positioned behind the product as described in test report No. 323316 and test report No. 323317

Face subjected to tests The specimens were mounted in the test positions such that the decorative 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	Fire propagation index, I	=	11.6
	subindex, i_1	=	0.0
	subindex, i_2	=	5.7
	subindex, i_3	=	5.9

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 solid surface material
Product reference	"Tristone Solid Surface A104"
Composition details	Aluminium Tri-hydroxide 57-61% Acrylic Resin 36-41% Other Additives 1.9% Pigments 0.1-0.7%
Name of manufacturer	Lion Chemtech
Thickness	12.3mm (stated by sponsor) 12.1mm (determined by Exova Warringtonfire)
Density	1.75g/cm ³ (stated by sponsor) 1.75g/cm ³ (determined by Exova Warringtonfire)
Colour reference	"Tristone Pure White"
Trade name of flame retardant	"Aluminium Tri-hydroxide"
Generic type of flame retardant	Aluminium Tri-hydroxide
Amount of flame retardant	57-61%
Brief description of manufacturing process	The components were first mixed together, and then cast into the appropriate moulding, which was then cut and polished.

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 : 1	Re-issue Date: 16 th November 2012
Revised By: D J Owen	Approved By: T Mort
Reason for Revision: This document replaces issue 1 (dated 9th November 2012) of the same number which has been withdrawn. The product and colour reference detailed in the issue 1 report were incorrect and the correct product reference "Tristone Solid Surface A104" and colour reference "Tristone Pure white" have been detailed in this issue 2 report.	

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