

**Class '0' Summary
Report**

CERTIFICATE OF APPROVAL
Looking Over for Compliance With the
Requirements for a Class 0 Surface
As Defined in Paragraph A2.3.1(i)
of Approved Document B,
2000 (Building Regulations 2000)
Approved
Fire Safety, To The Building Regulations
2000

Approved By
Approved Limited
Warrington Court
London Road
Warrington
Cheshire
WA1 2JG

WF Report Numbers:

158657 & 158660

Date:

26th October 2006

Test Sponsor:

Armourcoat Limited



0249

SUMMARY OF WF No's 158657 & 158660

**Including Opinion Of Compliance With The
Requirements For A Class 0 Surface
As Defined In Paragraph A13(b)
Of Approved Document B,
(2000 Edition Incorporating 2002
Amendments)
'Fire Safety', To The Building Regulations
2000**

Sponsored By

**Armourcoat Limited
Morewood Court
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TN13 2HU**

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Product label etc for 2017. Details of the test performed are given in the report. The test was performed in accordance with the requirements of the relevant standards.

The test results were reported at the request of the customer and under the terms of the contract. The test was performed in accordance with the requirements of the relevant standards.

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Test No.	Result
1	1.1
2	1.2
3	1.3
4	1.4
5	1.5
6	1.6
7	1.7
8	1.8
9	1.9
10	1.10

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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 warringtonfire test reports No's. 158657 and 158660.

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 warringtonfire test reports No's. 158657 and 158660. 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 coated 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	=	2.5
subindex, i_1	=	1.0
subindex, i_2	=	1.3
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. All values quoted are nominal, unless tolerances are given. The specimens were supplied by the sponsor of the test. Warringtonfire was not involved in any selection or sampling procedure.

General description		A three coat water based decorative coating system applied to plasterboard
Product reference of coating system		"Perlata"
Overall coating system thickness		77 micron (dry film thickness)
Final coating product (Test face)	Generic type	Water Based paint
	Product reference	"Perlata PLS – Batch No. A180306-01"
	Name of manufacturer	Armourcoat Ltd
	Colour	"Un tinted"
	Number of coats	One
	Application rate	16m ² /litre
	Application method	Roller
	Specific gravity	1.02
	Flame retardant details	See Note 1 below
	Curing process	<u>7 days at ambient temperature</u>
Second coating product	Generic type	Water Based paint
	Product reference	"Perlata PLS – Batch No. A180306-01"
	Name of manufacturer	Armourcoat Ltd
	Colour	Un tinted
	Number of coats	One
	Application rate per coat	12.9m ² /litre
	Application method	Roller
	Specific gravity	1.25
	Flame retardant details	See Note 1 below
	Curing process per coat	4 hours at ambient temperature
First coating product	Generic type	Water based paint
	Product reference	"BaseColor Matt – Batch No. A310706-01"
	Name of manufacturer	Armourcoat Ltd
	Colour	Un-tinted
	Number of coats	One
	Application rate	12m ² /litre
	Application method	Roller
	Specific gravity	1.50
	Flame retardant details	See Note 1 below
	Curing process	12 hours at ambient temperature
Substrate	Product reference	Lafarge wallboard
	Generic type	Paper faced gypsum plasterboard
	Name of manufacturer	Lafarge Plasterboard Ltd
	Thickness	12.5mm
	Density	0.7g/cm ²
	Flame retardant details	See Note 1 below

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Post curing details	The specimens were allowed to dry for 7 days at ambient temperature prior to being submitted for testing
Brief description of manufacturing process of coatings	Manufactured as per traditional paint manufacturing procedures

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

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.

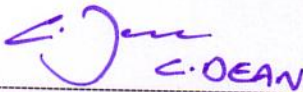
The opinion has been formulated on the assumption that the specimens are representative of the product in practice. Warringtonfire was not involved in any sampling or selection procedures which would confirm this or in any audit testing which would provide confidence in the consistency of the product in the tests.

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Signatories


Responsible Officer
T Mort*


Approved
I Moore*
Laboratory Supervisor


Head Of Department
P E Lythgoe*

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* For and on behalf of warringtonfire.

Report Issued: 26th October 2006