

Testing. Advising. Assuring.

Mr W Kreysler
Kreysler & Associates
501 Green Island Road
American Canyon
California
USA

Dear Mr Kreysler

Results of tests to BS 476 parts 6 and 7

With regard to the tests on your **Fireshield 285** glass reinforced plastic, I can confirm the following results:

BS 476 Part 7

SPECIMEN No.	1	2	3	4	5	6
Maximum distance travelled at 1.5 minutes (mm)	<50	<50	<50	<50	<50	<50
Maximum distance travelled at 10 minutes (mm)	<50	<50	<50	<50	<50	<50

Classification: Class 1

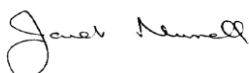
BS 476 Part 6

Fire propagation index, I = **9.9**
Sub index, i₁ = **0.2**
Sub index, i₂ = **7.7**
Sub index, i₃ = **2.0**

OVERALL CLASSIFICATION - Class O

The test reports and summary report will be with you at the start of next week meanwhile please use this letter as proof of result.

Yours faithfully



Janet Murrell (Dr)
Technical Manager

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.


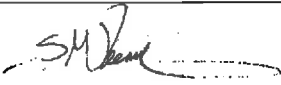
Generic Description		Product reference	Thickness	Weight per unit area or density
Flame retardant grade fiberglass reinforced plastic (GRP) panel		"Fireshield 285"	4.48mm *	8.2kg/m ² *
Individual components used to manufacture composite:				
Moulded sheet	Gel-coat	Confidential	Confidential	Confidential
	Resin	Confidential	Confidential	Confidential
	Fibre reinforcement	Confidential	Confidential	Confidential
*Determined by Exova Warringtonfire				
Please see page 5 of this test report for the full description of the product tested				

Test Sponsor Krysler & Associates, 501 Green Island road, American Canyon, CA 94503, United States

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 15th & 22nd July & 19th August 2015

Signatories

	
Responsible Officer T Mort * Senior Technical Officer	Authorised S. Deeming * Business Unit Head

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

Report Issued: 24th August 2015

This version of the report has been produced from a .pdf format electronic file that has been provided by **Exova Warringtonfire** to the sponsor of the report and must only be reproduced in full. Extracts or abridgements of reports must not be published without permission of **Exova Warringtonfire**.

Document No.:	354400 & 355663	Page No.:	2 of 7
Author:	S Deeming	Issue Date:	24 th August 2015
Client:	Krysler & Associates	Issue No.:	1