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FIRE TESTING

Page 1 of 4

Date: 06 July 2000

Our Ref: 27340W/05/00

Your Ref:

Client: Palram UK
Unit 2
Doncaster Carr Industrial Estate
White Rose Way
Doncaster
South Yorkshire
DN4 5JH

Job Title: Fire Tests on Panels

Client's order no: 0015

Date of receipt: 16/05/00

Description of sample(s): One sample of panel labelled ref. 3mm Palopaque white PVC sheet.

Work requested: BS 476:Part 7:1987



Date: 06 July 2000

Our Ref: 27340W/05/00

Your Ref:

Palram UK
Doncaster

Date of Test : 21/06/00

FIRE TESTS ACCORDING TO BS 476:PART 7:1987 (AS AMENDED)
(Method for classification of the surface spread of flame of products)

Procedure

The face sides of the specimens were tested.

The following were recorded:-

- the time at which the flame front crosses each vertical reference line;
- the maximum extent of flame spread during the first 1.5min from the start of the test;
- the maximum extent of flame spread during the whole test i.e. 10 min or less (if applicable)
- the time (and distance) at which maximum flame spread is reached.

The flame spread at 1.5min and the final flame spread results were compared with the standard class limits and a classification was assigned.

Requirements

The class limits for flamespread, detailed in BS 476:Part 7: are set out below.

	<u>Flame spread at 1.5 min (mm)</u>	<u>Final flame spread (mm)</u>
Class 1	165 (+25)	165 (+25)
Class 2	215 (+25)	455 (+45)
Class 3	265 (+25)	710 (+75)
Class 4	Exceeding Class 3 limits.	

A definitive classification is based on a sample of six specimens and the figure in brackets gives the tolerance by which only one specimen in six may exceed the class limit assigned.

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Page 3 of 4

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Results

The following test results relate only to the behaviour of the test specimens of the product under the particular conditions of test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

<u>Time for Flame Spread to reach (S)</u>					<u>Flame Spread at 1.5min</u>	<u>Maximum Flame Spread</u>	<u>Time to reach Maximum Flame Spread (S)</u>
<u>(mm)</u>					<u>(mm)</u>	<u>(mm)</u>	
165	215	265	455	710	75	75	62
-	-	-	-	-	75	75	61
-	-	-	-	-	75	75	60
-	-	-	-	-	90	90	61
-	-	-	-	-	75	75	64
-	-	-	-	-	90	90	62

Classification – Class 1

Observations and Comments

The material was sampled in accordance with the BTTG Internal Flammability Procedure F1.

Date: 06 July 2000

Page 4 of 4

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The information contained on page no's 1/4 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by Wira Testing Centre on the materials referred to.

Signed.....*D Hird*.....Date.....*6/7/00*.....

D Hird
Section Leader

Signed.....*CT Johnson*.....Date.....*6.7.00*.....

CT Johnson
Section Head
Fire Testing

CTJ
273400500wrep

Enquiries concerning the technical content of this report should be addressed to the Head of the reporting laboratory named above.

Terms and conditions applying to the operations of Wiratec are printed on the back of the cover page of this report.

