

Date: 14th July 1999

Our Ref: 27020/6/99

Your Ref:

Client: Denaco (Imports) Ltd
Station Road
Hatton
DE65 5DU

Job Title: Fire Tests on Panels

Client's order no:

Date of receipt: 21/6/99

Description of sample(s): One sample of panels labelled ref. Polydur, Fibreglass Resin

Work requested: BS 476:Part 7:1987

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Hatton

Date of Test : 8.7.99.

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:-

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

Time for flame spread to reach (S) (mm)					Flame spread at 1.5min (mm)	Maximum Flame spread (mm)	Time to reach Maximum Flame Spread (S)
165	215	265	455	710	60	60	60
-	-	-	-	-	70	70	60
-	-	-	-	-	60	60	60
-	-	-	-	-	60	60	60
-	-	-	-	-	60	60	60
-	-	-	-	-	60	60	60

Classification - Class 1

Observations and Comments

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

The information contained on page no's 1/3 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..........Date 14.7.99.

C T Johnson
Head of Fire Testing

CTJ/AM
27020.rep

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

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