

CONFIDENTIAL
TEST REPORT

E Wood Ltd
Standard Way
Northallerton
N. Yorkshire
DL6 2XA

15th November, 1990
Our Ref: 027/010/039/CTJ/A
10555/001/CTJ/A

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Material Received on 7-3-89

One composite sample of Commercial Grade Aluminium Alloy sprayed with one coat of Thortex Uni-Tech M. C. Primer (dry film build of 50 microns) thinned with Copon SA65 thinner, and a second coat of Thortex Uni-Tech U.V. (dry film build up of 40 microns) thinned with Copon P.U. thinner.

**FLAMMABILITY TESTS ACCORDING TO BS 476:PART 6:1989
(Method of test for fire propagation for products)**

Procedure

The test was carried out on specimens mounted on incombustible backing boards and placed in the combustion chamber of the apparatus. Temperatures of the flue gases were measured to the nearest degree centigrade at the time intervals and periods set out below, taking zero time as the moment of ignition of the gas supply. The relevant temperature-time indices were calculated.

<u>Interval (min)</u>	<u>Period (min)</u>	<u>Index</u>
0.5	0.5 - 3	i ₁
1	4 - 10	i ₂
2	12 - 20	i ₃

Total I = i₁ + i₂ + i₃

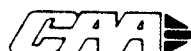
A definitive classification is based on a sample of at least three specimens.

UK Building Regulations 1985 Approval Document B2/3/4 Appendix A states that a sample is given a class 0 designation if the value of i₁ is less than six and the value of I is less than or equal to 12.

Results

Number of specimens tested - 4

Sub-index	Sub-index	Sub-index	Total fire Propagation index
i ₁ 0	i ₂ 0.78	i ₃ 0.375	I 1.155



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Note

The 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.

Comments

The *i* values quoted are the means of all individual *S* values.
The sample met the class 0 performance requirements.

The information contained on page no's 1/2 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by Wira Testing Services on the materials referred to.

Signed.....*CTJ*.....Date *16.11.90*.....
C T Johnson
Head of Flammability Testing

CTJ/SMS
1987.rep

