

AWTA TEXTILE TESTING

P.O. Box 240 North Melbourne, Victoria 3051
Phone (03) 376 1722 Telex AA35301 Fax (03) 376 3469
A Division of Australian Wool Testing Authority Ltd-A.C.N. 006 014 106

TEST REPORT*

CLIENT : AUSTECH EXTERNAL BUILDING
PRODUCTS
PO BOX 208
MARAYONG NSW 2148

TEST NUMBER : 7-446110-C
DATE : 15.06.93

NUMBER OF SPECIMENS TESTED: 6

| | | | |
|---------------------|-----------------------|----|------------|
| REGULATORY INDICES: | IGNITABILITY INDEX | 14 | RANGE 0-20 |
| | SPREAD OF FLAME INDEX | 0 | RANGE 0-10 |
| | HEAT EVOLVED INDEX | 1 | RANGE 0-10 |
| | SMOKE DEVELOPED INDEX | 7 | RANGE 0-10 |

COMMENTS:

THE RESULTS OF THIS FIRE TEST MAY BE USED TO DIRECTLY ASSESS FIRE HAZARD, BUT IT SHOULD BE RECOGNIZED THAT A SINGLE TEST METHOD WILL NOT PROVIDE A FULL ASSESSMENT OF FIRE HAZARD UNDER ALL FIRE CONDITIONS.

EACH TEST SPECIMEN HAD AN UNATTACHED BACKING OF 4.5mm THICK FIBRE REINFORCED CEMENT BOARD.

EACH TEST SPECIMEN WAS RESTRAINED ON THE EXPOSED FACE BY A LAYER OF GALVANISED WELDED SQUARE MESH MADE FROM WIRE OF NOMINAL DIAMETER 0.8mm AND NOMINAL SPACING 12mm IN BOTH DIRECTIONS AND THE ASSEMBLY CLAMPED IN FOUR PLACES.

THE SPECIMENS MELTED AWAY FROM THE AREA OF MAXIMUM HEAT AND PRODUCED FLAMING DROPLETS DURING THE TEST. DUE TO THIS PHENOMENA IT SHOULD BE RECOGNISED THAT THIS TEST RESULT MAY NOT BE A TRUE INDICATION OF THE PRODUCT'S FIRE HAZARD PROPERTIES.

52274

PAGE :

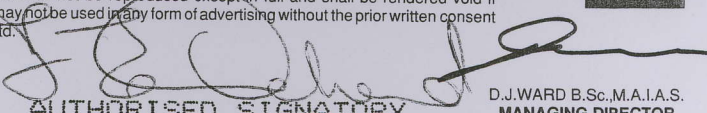
© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



This Laboratory is registered by the National Association of Testing Authorities, Australia, for:
- Chemical Testing of Textiles & Related Products : Registration No. 983
- Mechanical Testing of Textiles & Related Products : Registration No. 985
- Heat & Temperature Measurement : Registration No. 1356

* The above tests have been performed in accordance with NATA's terms of registration. Samples and their identifying descriptions are normally submitted by the client unless otherwise stated. AWTA Textile Testing makes no warranty, implied or otherwise, as to the source of the tested sample. The above tests relate only to the sample tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document may not be used in any form of advertising without the prior written consent of the Managing Director of AWTA Ltd.




AUTHORISED SIGNATORY

D.J. WARD B.Sc., M.A.I.A.S.
MANAGING DIRECTOR

AWTA TEXTILE TESTING

P.O. Box 240 North Melbourne, Victoria 3051
Phone (03) 376 1722 Telex AA35301 Fax (03) 376 3469
A Division of Australian Wool Testing Authority Ltd-A.C.N. 006 014 106

TEST REPORT*

CLIENT : AUSTECH EXTERNAL BUILDING
PRODUCTS
PO BOX 208
MARAYONG NSW 2148

TEST NUMBER : 7-446110-C
DATE : 15.06.93

SAMPLE DESCRIPTION CLIENTS REF: FOIL BACKED DURALOCK F2000
FOIL BACKED PVC WALL CLADDING WITH
POLYSTYRENE INSERTS
APPROX TOTAL THICKNESS: 30mm

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

MATERIAL SPECIFICATION PROVIDED BY CLIENT:

NOMINAL COMPOSITION: FACE - PVC WALL CLADDING
CORE - EXPANDED POLYSTYRENE FOAM
BACK - SINGLE SIDED REFLECTIVE FOIL LAMINATE

AS 1530.3-1989
AMDT NO 1 APR 92

SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME
PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

RESULTS:

FACE TESTED: PVC WALL CLADDING

| | MEAN | | STANDARD ERROR |
|------------------------|---------|-------------------|----------------|
| IGNITION TIME | 6.21 | min | 0.28 |
| FLAME PROPAGATION TIME | N/A | s | N/A |
| HEAT RELEASE INTEGRAL | 48.1 | kJ/m ² | 9.3 |
| SMOKE RELEASE, LDG D | -0.2984 | | 0.0670 |
| OPTICAL DENSITY, D | 0.05338 | /m | |

NUMBER OF SPECIMENS IGNITED: 6

52274 1 (CONTINUED NEXT PAGE) PAGE

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



This Laboratory is registered by the National Association of Testing Authorities, Australia, for:
- Chemical Testing of Textiles & Related Products : Registration No. 983
- Mechanical Testing of Textiles & Related Products : Registration No. 985
- Heat & Temperature Measurement : Registration No. 1356

* The above tests have been performed in accordance with NATA's terms of registration. Samples and their identifying descriptions are normally submitted by the client unless otherwise stated. AWTA Textile Testing makes no warranty, implied or otherwise, as to the source of the tested sample. The above tests relate only to the sample tested. This document shall not be reproduced in full and shall be rendered void if amended or altered. This document may not be used in any form of advertising without the prior written consent of the Managing Director of AWTA Ltd.



CHARGES
TESTING \$566.00
TOTAL \$566.00

AUTHORISED SIGNATORY

D.J. WARD B.Sc., M.A.I.A.S.
MANAGING DIRECTOR