

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

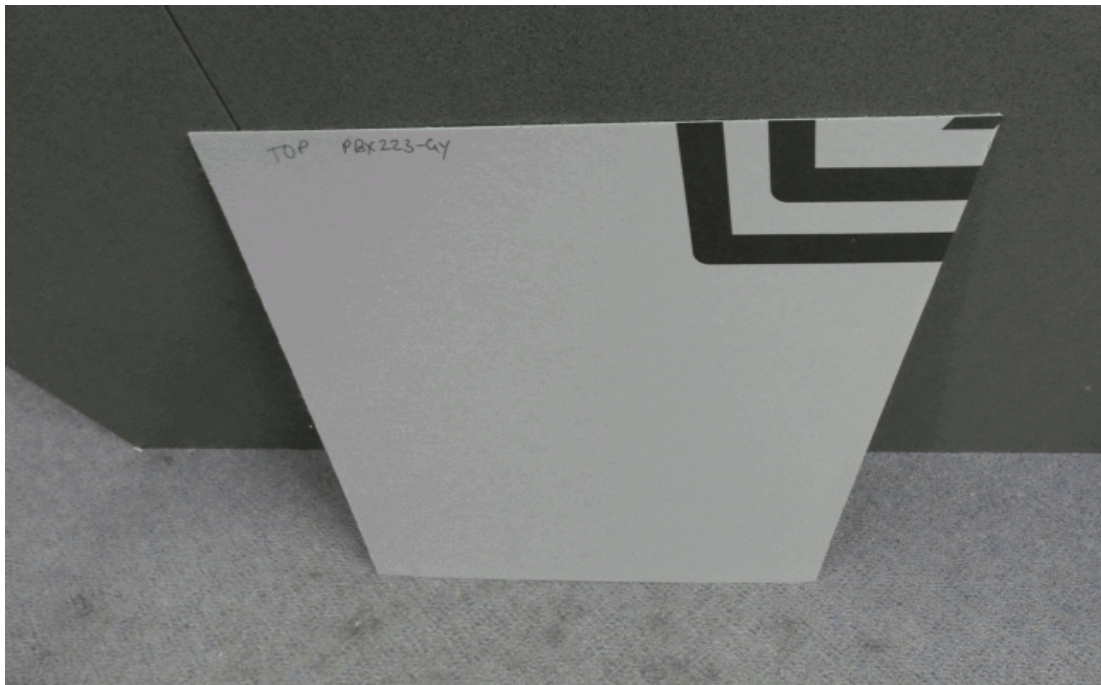
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400

TEST REPORT

Client : Protecta Group Pty Ltd
13 Rachael Close
Silverwater NSW 2128

Test Number : 26-000606
Issue Date : 23/04/2026
Print Date : 23/04/2026

Sample Description Clients Ref : "Protecta Board XTRA - PBX223-GY"
Bubble board with fleece backing
Colour : Grey
End Use : Temporary Surface Protection
Nominal Composition : Polypropylene
Nominal Mass per Unit Area/Density : 1050g/m2
Nominal Thickness : 3.5mm



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Page 1 of 3

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Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald

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MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

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AS/NZS 1530.3-1999

**Methods for Fire Tests on Building Materials, Components and Structures
Part 3: Simultaneous Determination of Ignitability,
Flame Propagation, Heat Release and Smoke Release**

Face tested: Grey Bubble Board (face)

Date tested: 23-04-2026

| | Standard Error | Mean |
|------------------------|----------------|------------------------|
| Ignition time | 0.59 | 5.65 min |
| Flame propagation time | 26.7 | 142.5 sec |
| Heat release integral | 9.2 | 38.2 kJ/m ² |
| Smoke release, log d | 0.1522 | -0.8566 |
| Optical density, d | | 0.2063 / metre |

Number of specimens ignited: 9

Number of specimens tested: 9

Regulatory Indices:

| | | |
|-----------------------|----|------------|
| Ignitability Index | 14 | Range 0-20 |
| Spread of Flame Index | 3 | Range 0-10 |
| Heat Evolved Index | 1 | Range 0-10 |
| Smoke Developed Index | 5 | Range 0-10 |

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Page 2 of 3

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Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.

Inconsistent flame spread behaviour was observed. Only 4 of the 9 specimens registered flame spread. The Spread of Flame Index quoted above is based on these 4 specimens.

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.

The specimens melted and flowed away from the area of maximum heat 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.

These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

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.

376248

82394

Page 3 of 3

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