

# 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 :** 26-000604  
**Issue Date :** 22/04/2026  
**Print Date :** 22/04/2026

**Sample Description** Clients Ref : "Protecta Board XTRA - PBX228-Y"  
Bubble board with fleece backing  
Colour : Yellow  
End Use : Temporary Surface Protection  
Nominal Composition : Polypropylene  
Nominal Mass per Unit Area/Density : 2150g/m2  
Nominal Thickness : 8.5mm



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Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald

APPROVED SIGNATORY

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: Printed board (face)

Date tested: 22-04-2026

	Standard Error	Mean
Ignition time	1.26	7.17 min
Flame propagation time	25.5	151.9 sec
Heat release integral	7.4	59.4 kJ/m <sup>2</sup>
Smoke release, log d	0.1137	-0.7055
Optical density, d		0.2475 / metre

Number of specimens ignited: 9

Number of specimens tested: 9

**Regulatory Indices:**

Ignitability Index	13	Range 0-20
Spread of Flame Index	3	Range 0-10
Heat Evolved Index	2	Range 0-10
Smoke Developed Index	5	Range 0-10

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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 securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

Inconsistent flame spread behaviour was observed. Only 5 of the 9 specimens registered flame spread. The Spread of Flame Index quoted above is based on these 5 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.

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