

# AWTA PRODUCT TESTING

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

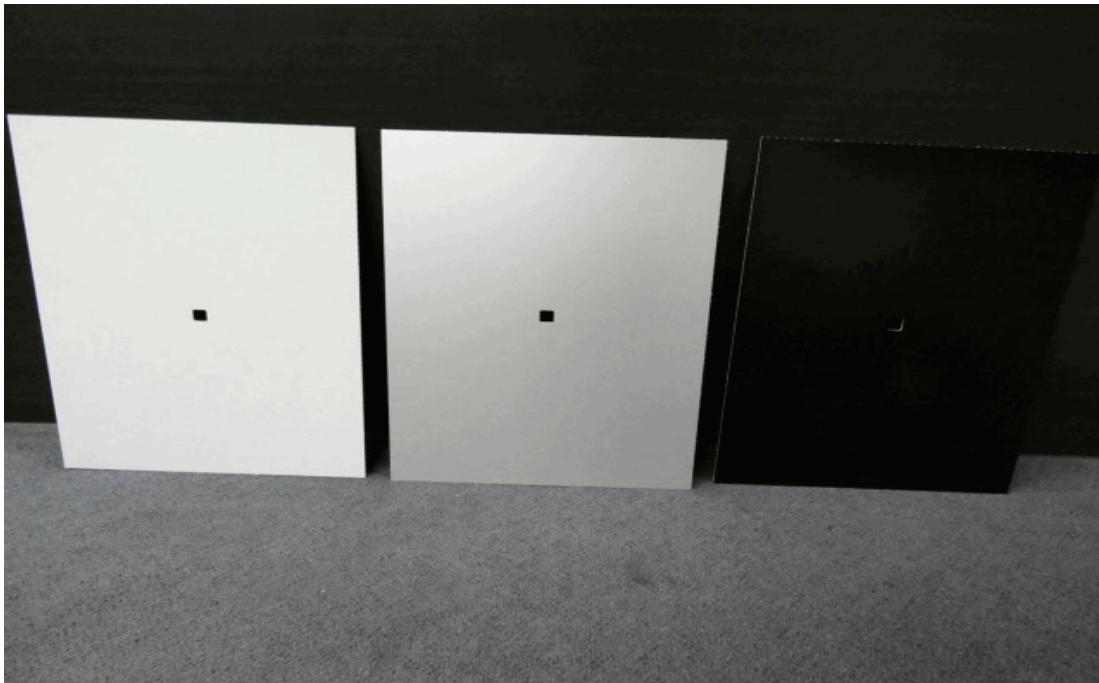
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400

## TEST REPORT

**Client :** Fairview Architectural Pty Ltd  
18-20 Donald Street  
Lithgow NSW 2790

**Test Number :** 22-001591  
**Issue Date :** 10/06/2022  
**Print Date :** 10/06/2022

**Sample Description** Clients Ref : "Vitracore G2 with 20x20mm hole"  
Rigid panel with hole  
Colour : White,Black(Silver not tested)  
End Use : Cladding of Buildings  
Nominal Composition : Aluminium bonded laminate  
Nominal Mass per Unit Area/Density : 4.6kg/m2  
Nominal Thickness : 4mm



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Page 1 of 3

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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:                     | Face (White & Black) |                        |
| Date tested:                     | 09-06-2022           |                        |
|                                  | Standard Error       | Mean                   |
| Ignition time                    | 0.37                 | 7.23 min               |
| Flame propagation time           | Nil                  | Nil sec                |
| Heat release integral            | 1.5                  | 13.5 kJ/m <sup>2</sup> |
| Smoke release, log d             | 0.1109               | -2.4148                |
| Optical density, d               |                      | 0.0051 / metre         |
| Number of specimens ignited:     |                      | 9                      |
| For Samples which did not ignite |                      |                        |
| Smoke Release (Log D) - Mean     |                      | 0                      |
| Number of specimens tested:      |                      | 9                      |
| Regulatory Indices:              |                      |                        |
| Ignitability Index               |                      | 13 Range 0-20          |
| Spread of Flame Index            |                      | 0 Range 0-10           |
| Heat Evolved Index               |                      | 0 Range 0-10           |
| Smoke Developed Index            |                      | 0-1 Range 0-10         |

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Page 2 of 3

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Smoke Developed Index is reported as 0-1 due to the inability of the smoke measurement equipment to resolve an index of zero.

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.

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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Page 3 of 3

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