

# 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 :** Atlas Alfacade  
131 Calarco  
Derrimut VIC 3030

**Test Number :** 20-002305  
**Issue Date :** 11/05/2020  
**Print Date :** 8/07/2020

### Replacement of Report dated :11/05/2020

**Sample Description** Clients Ref : "3mm Aluminium- 3003 Solid Sheet"  
Type 3003 Solid Aluminium Panels  
Nominal Composition : 3003 Aluminium  
Nominal Mass per Unit Area/Density : 27kg/m<sup>3</sup>  
Nominal Thickness : 3mm- Paint Thickness: 25 micron

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 (Silver)  
Date tested: 11/05/2020

	Standard Error	Mean
Ignition time	Nil	Nil min
Flame propagation time	Nil	Nil sec
Heat release integral	Nil	Nil kJ/m <sup>2</sup>
Smoke release, log d	0.0342	-1.8050
Optical density, d		0.0159 / metre

Number of specimens ignited: 0  
Number of specimens tested: 6

#### Regulatory Indices:

Ignitability Index 0 Range 0-20  
Spread of Flame Index 0 Range 0-10  
Heat Evolved Index 0 Range 0-10  
Smoke Developed Index 1 Range 0-10

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- Chemical Testing  
- Mechanical Testing  
- Performance & Approvals Testing

: Accreditation No. 983  
: Accreditation No. 985  
: Accreditation No. 1356

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APPROVED SIGNATORY



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

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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.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

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.

Since the heat source for this test is a radiator, a reduction in the reflective properties of certain materials by the deposition of dust and soot, by surface damage and by the formation of surface corrosion products, may produce a significant change in the index numbers from those obtained when the materials were tested in a new and clean condition.

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0204/11/06

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

