

# 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 :** Satu Bumi (Australia) Pty Ltd  
Office 1, Level 1, 343 Packington Street  
Newtown VIC 3220

**Test Number :** 20-003715  
**Issue Date :** 6/08/2020  
**Print Date :** 6/08/2020

**Sample Description** Clients Ref : "GRC Planters"  
Polymer concrete panels  
Colour : Concrete  
End Use : Garden planters & furniture  
Nominal Composition : Polymer concrete with glass fibre re-inforcement  
Nominal Mass per Unit Area/Density : Approx 22.5kg/m<sup>2</sup>  
Nominal Thickness : Approx 15mm

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		
Date tested:	06/08/2020		
	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	0.0569		-2.4421
Optical density, d			0.0038 / 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			0-1 Range 0-10

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Page 1 of 2

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- Chemical Testing : Accreditation No. 983  
- Mechanical Testing : Accreditation No. 985  
- Performance & Approvals Testing : 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 was clamped in four places.

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

Specimens were oven aged at 50 +/- 2 degc for 7 days prior to conditioning  
Three specimens displayed spalling during testing

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Page 2 of 2

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