

# Certificate of Test

Quote No.: NE7483

REPORT No.: FNE11551

## AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

**TRADE NAME:** Hi-Macs Acrylic Solid Surface

**SPONSOR:** Gunnersen Pty Ltd  
112 Salmon Street  
PORT MELBOURNE VIC 3207  
AUSTRALIA

**DESCRIPTION OF**

**SAMPLE:** The sponsor described the tested specimen as a mineral-filled polymethylmethacrylate sheet.

Nominal total thickness: 12 mm  
Nominal total mass: 20.4 kg/m<sup>2</sup>  
Nominal total density: 1750 kg/m<sup>3</sup>  
Colour: grey

**TEST PROCEDURE:** Six samples were tested in accordance with Australian Standard 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was sandwiched between two welded wire mesh having 0.8-mm diameter wires and 12-mm x 12-mm nominal aperture size, and was clamped to the specimen holder in four places.

**RESULTS:** The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	10.0	0.1
Flame Spread Time (s)	N/A	N/A
Heat Release Integral	59.8	2.8
Smoke Release (log <sub>10</sub> D)	-1.832	0.102

For regulatory purposes these figures correspond to the following indices:

Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
10	0	2	2

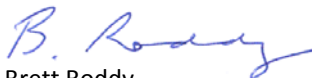
The results of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

DATE OF TEST: 25 November 2015

Issued on the 22<sup>nd</sup> day of January 2016 without alterations or additions.



Heherson Alarde  
Testing Officer



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Team Leader, Fire Testing and Assessments

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