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EWFA Test Report No.

485084-00.1

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Report Sponsor	Issue Date
Solar Gard Saint-Gobain, 7 Walker Place, Wetherill Park NSW 2164	May 22 nd , 2017

Test in accordance with AS/NZS 1530.3 – 1999

Objective

To determine the performance of the material samples as described in this report when subjected to the test conditions stated in the test standard referenced below.

Product	Solar Gard Window Film (including safety film)
Test Reference	Reference Date
EWFA 48508400	May 19 th , 2017

Test Method

AS/NZS 1530.3:1999
Part 3: Simultaneous determination of ignitability,
flame propagation, heat release and smoke
release

Supplementary Standards

Nil

Product Description

The specimens tested consisted of 600mm long by 450mm wide by 5.1mm thick panes of clear float glass with Solar Gard Window Film (including safety film) on one side, as nominated by the manufacturer. The material had a nominal mass per unit area of 12.6 kg/m². EWFA personnel were not involved with the selection or preparation of these test specimens. Immediately prior to conducting these tests the test specimens were conditioned to a constant mass, at a temperature of 20 ± 2°C and a relative humidity of 65 ± 5%.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd
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Authorisation	Prepared By:  J. Richardson.
	Reviewed By:  C. M. McLean

Test Results			
Ignition Time	Mean 16.07	minutes	Standard Error 0.51
Flame Propagation Time	Nil	seconds	Nil
Heat Release Integral	1.2	kJ/m ²	0.2
Smoke Release, log d	-1.6035		0.0210
Optical Density, d	0.0251	per metre	
Regulatory Indices			
Ignitability Index	4	Range 0 to 20	
Spread of Flame Index	0	Range 0 to 10	
Heat Evolved Index	0	Range 0 to 10	
Smoke Developed Index	2	Range 0 to 10	
Comments			
The specimens were tested on May 19 th , 2017 and all of the nine specimens tested ignited.			
These results only apply to the specimen mounted, as described in this report.			
Each test specimen was clamped in four places.			

Conditions/Validity
This report may only be reproduced in full. Extracts or abridgements shall not be published without permission of Exova Warringtonfire Aus Pty Ltd.
These tests have been conducted in accordance with the test standard referenced above and this report should be read in conjunction with that standard.
This test report does not provide an endorsement by Exova Warringtonfire Aus Pty Ltd of the performance of the actual products supplied. The tests were performed at AWTA laboratories under the technical control of Exova Warringtonfire Aus Pty Ltd. The results of this fire test may be used to directly assess fire hazard but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.