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<b>EWFA Test Report No.</b>	<b>40176400a 1</b>	<b>Page 1 of 2</b>
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<b>Report Sponsor</b> Tradeark, 38-42 Deans Court, Dandenong South VIC 3175	<b>Issue Date</b> March 24 <sup>th</sup> , 2016
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**Test in accordance with AS/NZS 1530.3 – 1999**

<b>Objective</b> 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.
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<b>Product</b>	ECOWOOL sectional pipe insulation
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<b>Test Reference</b> EWFA 40176400a	<b>Reference Date</b> 24 <sup>th</sup> March, 2016
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<b>Test Method</b> AS/NZS 1530.3:1999 Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release	<b>Supplementary Standards</b> Nil
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**Product Description**

The specimens tested consisted of 600mm long by 450mm wide by 50mm thick panels comprising of ECOWOOL sectional pipe insulation attached to a metal substrate, as nominated by the test sponsor. The specimens had a nominal mass per unit area of 5.76 kg/m<sup>2</sup>. 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%.

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

### Test Results

	Mean		Standard Error
Ignition Time	Nil	minutes	Nil
Flame Propagation Time	Nil	seconds	Nil
Heat Release Integral	Nil	kJ/m <sup>2</sup>	Nil
Smoke Release, log d	-1.7817		0.0288
Optical Density, d	0.0167	per metre	

### Regulatory Indices

Ignitability Index	0	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 March 1<sup>st</sup>, 2016 and none of the six specimens tested ignited.

The results only apply to the specimen mounted, as described in this report.

Each test specimen was clamped along all sides.

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.

### Conditions/Validity

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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.