

## BRE Global Test Report

**Classification of reaction to fire performance in accordance with EN 13501-1: 2007 + A1: 2009 on Metallock aluminium honeycomb panel (unpainted, aluminium mill finish)**

**Prepared for:** Metallock  
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## 1 Results

Test method & test number	Parameter	No. test runs	Results	
			Continuous parameter - mean (m)	Compliance with parameters Criterion / Compliance status A2-s1, d0
EN ISO 1716	Q <sub>PCS</sub>	3	15.2941 MJ/kg	- / -
	Q <sub>PCSs</sub> (0.07 kg/m <sup>2</sup> )		1.0706 MJ/m <sup>2</sup>	≤ 4.0 MJ/m <sup>2</sup> / Compliant
	Q <sub>PCSint</sub>		15.2941 MJ/kg	- / -
	Q <sub>PCSsint</sub>		1.0706 MJ/m <sup>2</sup>	≤ 4.0 MJ/m <sup>2</sup> / Compliant
EN ISO 1716	Q <sub>PCS</sub> (whole product)	By calculation	0.4398 MJ/kg	≤ 3.0 MJ/kg / Compliant
	Q <sub>PCSs</sub> (whole product)		2.1412 MJ/m <sup>2</sup>	- / -
EN 13823	FIGRA <sub>0.2MJ</sub>	3	0.0 W/s	≤ 120 W/s / Compliant
	FIGRA <sub>0.4MJ</sub>		0.0 W/s	≤ 120 W/s / Compliant
	LFS		(-)	≤ edge of specimen / Compliant
	THR <sub>600s</sub>		0.1 MJ	≤ 7.5 MJ / Compliant
	SMOGRA		0.0 m <sup>2</sup> /s <sup>2</sup>	≤ 30 m <sup>2</sup> /s <sup>2</sup> / Compliant
	TSP <sub>600s</sub>		26.4 m <sup>2</sup>	≤ 50 m <sup>2</sup> / Compliant
	Flaming droplets/particles ≤ 10s	Not observed	No flaming / Compliant	
	Flaming droplets/particles > 10s	Not observed	No flaming / Compliant	

## 2 Classification and field of application

### 2.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007+A1: 2009.

### 2.2 Classification

#### 2.2.1 Interior (1.0 mm-thick aluminium, mill finish) face

The interior face of the product, 'Metallock aluminium honeycomb panel (unpainted, aluminium mill finish)', in relation to reaction to fire behaviour is classified:

**A2**

The additional classification in relation to smoke production is:

**s1**

The additional classification in relation to flaming droplets / particles is:

**d0**



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## Prepared by

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Name C A Rock

Position Senior Consultant

Signature

A handwritten signature in blue ink that reads "CA Rock".

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## Authorised by

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Name J Hunter

Position Senior Consultant

Date 02 June 2016

Signature

A handwritten signature in black ink that reads "J Hunter".

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