

06 September 2016

Steve Marskell

MgO Corp

By email: [steve@mgoboard.com.au](mailto:steve@mgoboard.com.au)



RE: RESCOM BOARD NON-COMBUSTIBLE REVIEW

Dear Steve,

I refer to your enquiry regarding the non-combustible status of the board, the removal of Clause C1.12 compliance and the CodeMark Certificate.

BCA Clause C1.12 provides a concession for products that contain combustible elements to be deemed combustible. The compliance to Clause C1.12 of the BCA, is not required following test evidence of the ResCom board to BS 476-4:1970 being the equivalent British test to the Australian Standard 1530.1 for non-combustibility. As such the ResCom board is proven to be non-combustible and complies with the requirements of Specification C1.1 Clause 3.1(b) and Clause 4.1(b) of the BCA.

The ResCom board was tested to BS 476-4:1970 fire test on building materials and structures-non-combustible test for materials by Intertek in their report 1602040035SHF-BP-4 dated 18 March 2016. The BS 476-4 test requirements are equivalent to that of AS 1530.1 with a few exceptions such as the test specimens being square instead of round.

Throughout each of the 3 tests 5 samples were placed into the furnace. For each of the tests the following results were achieved.

Description	Specimen 1	Specimen 2	Specimen 3	Requirements
Time of continuous flaming (s)	0	0	0	<10
Temperature rise of furnace (°C)	2	3	1	<50
Temperature rise of sample (°C)	0	0	0	<50
Classification	Non-combustible	Non-combustible	Non-combustible	-

In addition to the non-combustible test, the ResCom board has been subjected to numerous fire resistance tests achieving a Fire Resistance Level of at least -/60/60 minutes for the 10mm board and greater with the increased thicknesses. As such the ResCom board is considered a fire-protective covering as defined by the BCA.

In conclusion, the ResCom board is a non-combustible fire rated material.

  
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Chartered Professional Engineer

FPAA Professional Engineer

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