

15/12/2015

RE: RESCOM-WALLBOARD – MAGNESIUM OXIDE BOARD CORPORATION USE IN BUSHFIRE PRONE AREAS

Steve Marskell
Magnesium Oxide Board Corporation Pty Ltd
3 Allen Street
Moffat Beach QLD 4551

Dear Mr Marskell,

The purpose of this letter is to clarify the use, testing, application and current upgrade to the CodeMark certificate detailing the ResCom-WallBoards compliance with the requirements of AS 3959-2009 for use in bushfire prone areas Attack Level – Flame Zone inline with the CodeMark Certificate CMA-CM40009, the National Construction Code 2015 – Volume One and Two – Building Code of Australia (BCA) as well as AS 3959-2009.

Clause 9.4.1(c) of AS 3959-2009, relating to wall construction for Bushfire Attack Level (BAL) FZ, requires the exposed components of walls to be a system with an FRL of 30/30/30 or -/30/30 when tested from the outside.

The ResCom-WallBoard has been tested in accordance with the standard fire curve as required under AS 1530.4-2005 and achieved a Fire Resistance Level (FRL) of 60/60/60 for a loadbearing timber frame, 90/90/90 for a loadbearing metal frame and -/120/120 for non-loadbearing structure.

With the wall system achieving an FRL of at least 60/60/60 minutes and exceeding 30/30/30 minute requirement, the ResCom-WallBoard satisfies the requirements of BAL-Low to BAL-FZ. This is based on compliance with Clause 9.4.1(c) as well as Clause 3.4 of AS 3959-2009 where construction requirements specified for a particular BAL shall be acceptable for a lower level.

The ResCom-WallBoard by magnesium oxide board corporation is certified under the CodeMark Certification Scheme CMA-CM40009 for compliance against the BCA for use in bushfire prone areas. The current certificate can be found on the Australian Building Codes Board registry, see www.abcb.gov.au. A copy of the certificate available on the CertMark International product registry, see www.certmark.org. Based on the testing provided, the CodeMark Certificate is currently being updated to detail use within all requirements of bushfire prone areas for wall systems.

It is deemed acceptable for the ResCom-WallBoard by magnesium oxide board corporation to be used in bushfire prone areas with a BAL up to Flame Zone.

Regards,


Benjamin Hughes-Brown FIEAust CPEng NER
Technical Director

CertMark International

Chartered Professional Engineer

CPEng, NER (Fire Safety / Mech) 290091, EF 39394, BPB-C10-1875, RPEQ 11498, TDJ-CC6504
MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (CIT)
MIEAust, MSFS, MFPAA, AAIBS

Document Number:	Ad-Te-03043	Version Date:	04.11.15	Version No.	1
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