

19th March 2014

Attention: Mr Matthew DePledge

BuilditEco Pty Ltd

Dear Matthew,

RE: 'Supaboard' Compliance Criteria – National Construction Code Clause F1.7 (Waterproofing of wet areas)

I refer to your instructions to review the compliance requirements for the use of the 'Supaboard' product with regard to 'wet areas' in buildings.

The specific situation that you have asked for comment on is in relation to compliance with the National Construction Code (BCA Volume 1) clause F1.7 'waterproofing of wet areas in buildings'.

Clause F1.7 contains a number of specific compliance parameters, including the requirement for materials to comply with Australian Standard 3740 Waterproofing of Wet Areas (2010).

A review of AS3740 revealed that there are a number of materials listed that are deemed to be compliant as 'waterproof' or 'water resistant'. It is noted that magnesium oxide board is not included in either list.

Whilst this is the case, this does not preclude the use of magnesium oxide board in wet areas if it is appropriately primed and treated – in much the same way as any other material used as a sub-strate. For example, if a compliant waterproofing membrane was applied to the board, this would be deemed compliant with AS3740, as the waterproofing membrane is listed as a 'waterproof' material. It is noted that the waterproof membrane would need to comply with AS/NZS 4858 and be compatible with the board. The use of waterproof membranes is common practise and, from our experience, it is often applied to the entire wet area to mitigate the potential for leaks and subsequent water damage (especially in multi-storey projects).

In summary, magnesium oxide board can be used in wet areas when used in conjunction with a waterproof membrane and would therefore comply with clause F1.7 of the NCC (BCA Volume 1).

If there is anything else you require please do not hesitate to contact Richard Attiwell on 08 9330 7476, or 0400 247 328, or contact via email at richarda@milestonebc.com.au





Yours sincerely,

A handwritten signature in black ink, reading "Richard Attiwell". The signature is written in a cursive style and is enclosed within a dotted rectangular border.

Richard Attiwell
Director
MILESTONE CERTIFIERS