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Tokyo 100-8251, Japan

10 October 2019

To: Whom it may concern.

**Subject: ALPOLIC NC**

Dear Sir/ Madam,

In response to any questions relating to compliance/ DTS provisions details with regards to the “bonded laminates provisions.”

We are pleased to provide data that demonstrates that our Mitsubishi ALPOLIC NC product does comply with the Deemed to Satisfy (DTS) Provisions of the NCC/ BCA Vol 1, Sec C, Part C1, Clause C1.9 (e) (vii).

We reference and note this Clause has the following provisions:

*“(vii) Bonded laminated materials where—*

*(A) each lamina, including any core, is non-combustible; and*

*(B) each adhesive layer does not exceed 1 mm in thickness and the total thickness of the adhesive layers does not exceed 2 mm; and*

*(C) the Spread-of-Flame Index and the Smoke-Developed Index of the bonded laminated material as a whole do not exceed 0 and 3 respectively.”*

We have attached and provided a test for the core that demonstrates that the core is non-combustible, through the AS 1530.1 test. We have also attached the AS 1530.3 tests completed to show that the spread of flame and smoke development index are compliant.

#### **Additional Information**

We have information below to demonstrate to you that the adhesive used to bond the aluminium to the core is compliant. As above, this means that each adhesive layer cannot exceed 1 mm and the total thickness of each adhesive layer cannot exceed 2 mm.

Please be informed that the adhesive used in our ALPOLIC NC is 0.035 +/- 0.005 mm thick. Total thickness of adhesive used on both sides are maximum 0.080 mm.



Thank you for your technical review of our Mitsubishi ALPOLIC NC. If successful on supply to your project, we will look forward to working very closely with you during construction to assist with the delivery of our quality assured standards from the factory in Japan, onto the Australian site installation and then into the future with our service and support to your client, the facility owner and operator.

Best regards,

A handwritten signature in black ink that reads "T. Kimura".

Takashi Kimura  
Senior Manager  
Technical Group  
ALPOLIC Department