



June 6, 2010

Mr. Jason Smart
ICC-ES
900 Montclair Road, Suite A
Birmingham, AL 35213

Re: Acceptance Criteria for Structural Wood-Based Products; Subject AC47-0610-R1

Dear Jason:

I realize AC47 has been used as a depository for a variety of structural wood-based products. The proposed addition of thermally modified solid-sawn hardwood used for decking and guardrail systems looks fine in accordance with your memo dated May 13, 2010. However, since most thermally modified wood tends to be denser than typical, the propensity of nail split could be a concern. As a result, I suggest Section 3.8.5, which is currently applied to laminated veneer bamboo, be applied to this product as follows:

3.7.3 For thermally modified hardwood, tests shall be conducted to verify that the specified spacing of nails of various diameters is adequate to prevent splitting. Details of the testing shall be discussed with ICC-ES staff prior to the tests' being conducted.

Thanks for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Borjen Yeh", written in a cursive style.

Borjen ("B.J.") Yeh, Ph.D., P.E.
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Technical Services Division
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REPRESENTING THE ENGINEERED WOOD INDUSTRY