



Residential North America

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To whom it may concern

Comparison of ASTM D7147-11 with ASTM D1761-88(2000) and ASTM D7147-05

MiTek has historical product testing extending back many years, at which time the applicable ASTM standards in effect were ASTM D1761-88(2000) or ASTM D7147-05. ASTM D1761-88(2000), “Standard Test Methods for Mechanical Fasteners in Wood,” was updated in 2006 by removing the portion “joist hanger tests” and using that as a basis for a new ASTM Standard D7147-05 “Standard Specifications for Testing and Establishing Allowable Loads of Joist Hangers”. The balance of the old ASTM D1761-88(2000) was left unchanged except for renumbering of later sections and re-issued as ASTM D1761-06.

Based on my previous experience with these standards, a careful review of the existing literature, and in council with the ASTM Staff, I can say that the testing methods completed under ASTM D1761-88(2000) and ASTM D7147-05 are equivalent to the current testing methods of ASTM D7147-11. As such, the results gathered from testing to the earlier ASTM standards can be applied to the analysis described in ASTM D7147-11 when determining the allowable load capacity for joist hangers.

Regards,

A handwritten signature in black ink that reads "Steven A. Brekke".

Steven A. Brekke, P.E.
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