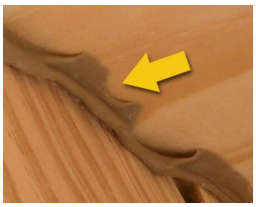
Technical Bulletin

The Anatomy of a Squeak

in Subfloor Application

1. Poor Product Choice - Typical Construction Adhesive

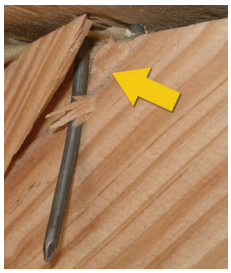
During application, typical construction adhesives slide off damp lumber and skin within seconds in warm weather. This results in an inadequate bond between sheeting and joists.



Typical Construction Adhesives Lack Flexibility and Structural Integrity.

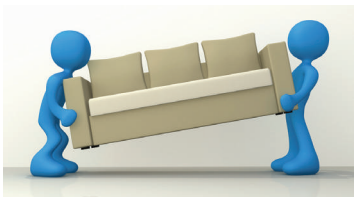
2. Missed Nails & Screws - Unavoidable in Homebuilding

The sheeting to joist connection is not consistently secured with fasteners.



3. Sheeting-to-Joist Bond is Lost - Ordinary movement causes rigid adhesives to crack and lose their bond.

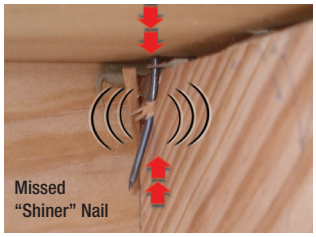
Typical subfloor adhesives lack the flexibility necessary to withstand the weight of drywall and furniture, as well as movement caused by settling and earthquakes.



When rigid adhesives crack, the critical bond between sheeting and joists is broken.

4. Squeak is Formed - Metal moves against wood, causing a squeak.

Normal household activity, including foot traffic and furniture placement, causes shiner nails to move against sheeting and the joist. A squeak is created with as little as 0.2mm movement.



RAIN BUSTER® SQUEAK-FREE CONSTRUCTION

RainBuster 345 Squeak Eliminator is entirely unlike typical subfloor adhesives. Designed specifically to prevent floor squeaks, its innovative technology permanently maintains the sheeting to joist bond. Experience a dramatic reduction in floor squeaks, call back costs and warranty claims by specifying RainBuster 345.

Please visit www.topindustrial.com or call 800-473-1617.

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