

Ten reasons every home needs stronger noise control.



Discover QuietBrace™ Sound-Deadening, Structural Sheathing

Noise proliferation is becoming a stronger irritant every day. That's why smart buyers have shown great interest in homes built with noise reduction in mind. It's also why we introduced QuietBrace™, a sound-deadening, structural sheathing that helps you put some strength into noise control. You see, QuietBrace not only provides a significantly better noise-reduction coefficient than common wood structural sheathings, it also delivers code-recognized wall bracing. And, by combining both benefits in one product, QuietBrace saves you installation time, money and labor. So give your homebuyers the more peaceful environment they want, and listen to the positive response. That's a sound you'll never get tired of hearing.

QuietBrace™ delivers structural strength and increased noise control in one package.

QuietBrace™ sound-deadening structural sheathing offers a combination of code-recognized bracing strength and sound control that's unmatched by any other structural sheathing.

Sound control and insulation

Instead of transmitting and adding resonance to sound waves, QuietBrace structural wall sheathing helps block airborne sound waves and absorbs surface-to-surface vibration transfer to reduce sound transmitted through dense building materials such as wood and masonry. In fact, QuietBrace's NRC value is about twice that of OSB or plywood. In addition, QuietBrace increases the R-value of the wall assembly. Its insulating properties are approximately 140% more effective than wood structural panels.

Code-compliant structural strength

QuietBrace is certified to conform to the structural-grade fiberboard standard, ASTM C208. That makes QuietBrace acceptable in both the IBC and the IRC as a wall bracing sheathing in conventional light-frame construction and when design for wind is required. QuietBrace is also acceptable in Seismic Categories A, B and C, as well as for the demanding provisions in Categories D₀, D₁ and D₂. Check the IBC for specific requirements and see ICC Evaluation Services ESR-1519.

Approved for fire-rated assemblies

QuietBrace structural sheathing is approved by Underwriters Laboratories as a wall assembly component for multi-family and commercial wall systems requiring a one-hour fire rating in accordance with UL assembly U356 (interior wall to flame).

Efficient 10-foot length

QuietBrace is available in 4-foot widths and 8-, 9-, and 10-foot lengths. The longer lengths increase installation efficiency by reducing piecing and fitting on 9- and 10-foot walls.

No-added urea formaldehyde

QuietBrace is a no-added-urea-formaldehyde material. It is manufactured with 100% southern pine wood chips and pre-jell corn starch as a binder. True asphalt is applied as a coating to enhance water resistance.



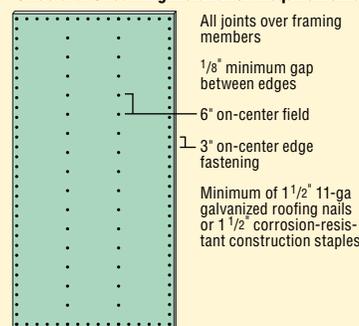
The face imprint of every sheet of new QuietBrace reminds builders and homeowners of this product's dual benefits – noise reduction and structural bracing strength.

Installation

QuietBrace may be installed vertically with the long edges parallel to the studs or horizontally with the long edges perpendicular to the studs. Center all joints over the framing members with a 1/8" gap between edges. Leave a 1/8" minimum gap at doors and windows. Only full panels serve as bracing and must extend from sill to top plate. Horizontal joints must be backed with framing for proper fastening. Fasteners should be spaced 3" o.c. along the edges and 6" o.c. in the field of each panel used for bracing. Suitable fastener types are minimum 1 1/2" 11-ga galvanized roofing nails (7/16" heads) or 1 1/2" 16-ga corrosion-resistant staples (7/16" or 1" crowns). Always use eye protection and proper safety equipment when driving fasteners.

QUIETBRACE NAILING PATTERN

Structural Sheathing Installation Requirements



PRODUCT SPECIFICATIONS

Thickness	Panel Size	Packaging	Insulation R Value*	Density	Tensile Strength	Transverse Strength	Water Absorption	Vapor Permeance	Surface Burning Properties	Sound Transmission Class (STC)**	Noise Reduction Coefficient (NRC)***
1/2", 25/32" (Special Order)	4' x 8', 4' x 9', 4' x 10'	90 sheets/ unit [1/2"] 60 sheets/ unit [25/32"]	1.31 at 1/2" thick 2.06 at 25/32" thick	21-25 lbs./ cu. ft.	Parallel to surface: 200 psi. min.	20 lbs. min.	15% max. 24 hr. [1/2"] 7% max. 2 hr. [25/32"]	5 grains/ h-ft ² -in Hg min.	Flame spread > 75 (Class III) Smoke developed < 300	26	0.30

*R means resistance to heat flow. The higher the R value, the greater the insulating value. ** Based on ASTM E90 ***Based on ASTM E795



QuietBrace has been certified to contain at least 84% pre-consumer recycled wood fiber on a dry weight basis.