

# QUIETBOARD™

Premium Acoustical & Insulating Fiber Board

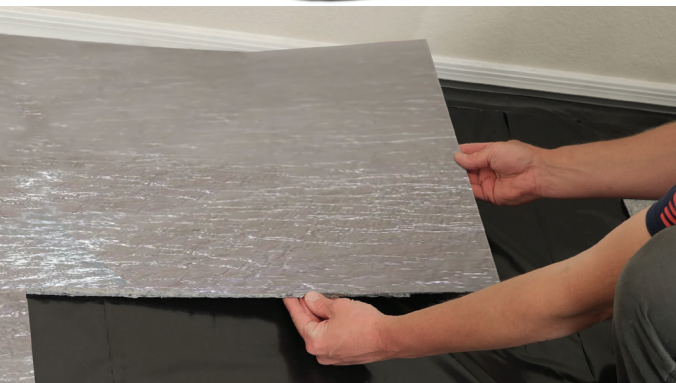


» WITH INTEGRATED MOISTURE BARRIER »



## Extremely Dense Panels of Recycled Fiber Board

QuietBoard's dense, recycled, construction reduces impact noise while increasing floor stability and minimizing flex between planks to make floors solid and comfortable underfoot



### APPROVED FLOOR COVERINGS

All Vinyl Planks & Tiles, Laminate, Floating & Glue Down Wood, Cork, Bamboo, Carpet & Carpet Tile

- Integrated film adds moisture protection and thermal reflective properties
- Acoustical and impact noise barrier
- Adds insulation and energy efficiency
- Makes floors solid & comfortable underfoot
- Closes the gap between trim and floors
- Lightweight construction that's easy to work with & cuts with a utility knife
- Maintains structural integrity
- Approved for use with In-Floor Heating Systems
- Made with 100% recycled materials
- Patent pending

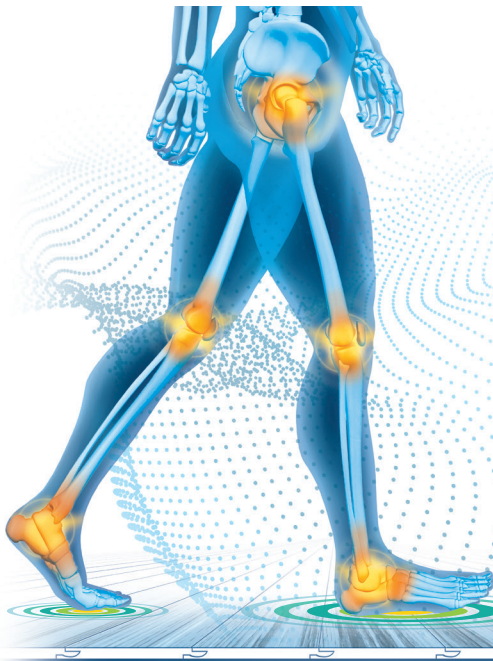
**PROVEN** to lessen force to your joints!\*

**SUPPORTS YOUR FLOOR.**

**REDUCES IMPACT ENERGY.**

\* 2022 university study

- Relieves up to **65,000 lbs** of joint stress **EACH** day!
- Lessens force to the floor
- Dampens sound transmission between housing levels
- Supports flooring joints, especially with pad attached planks



# QUIETBOARD

## Premium Acoustical & Insulating Fiber Board



### INDUSTRY LEADING SOUND ABSORPTION



#### IMPACT Insulation Class (IIC)

This method is to measure the impact sound transmission performance of a floor-ceiling assembly (sound transmission through the floor).

\* The higher the number, the better the noise control!

IIC	Flooring	Structure
72	5.5mm Vinyl Plank	8" Concrete slab - with ceiling
59	5.5mm Vinyl Plank	8" Concrete slab - no ceiling
56	5.5mm Vinyl Plank	6" Concrete slab - no ceiling
54	5.5mm Vinyl Plank	Wood Structure



#### SOUND TRANSMISSION Class (STC)

This method is to measure the air-borne sound insulating property of a partition element for effectiveness in blocking sound.

\* The higher the number, the better the noise control!

STC	Flooring	Structure
64	5.5mm Vinyl Plank	8" Concrete slab - with ceiling
60	5.5mm Vinyl Plank	Wood Structure
56	5.5mm Vinyl Plank	8" Concrete slab - no ceiling
52	5.5mm Vinyl Plank	6" Concrete slab - no ceiling



#### DELTA IIC TEST

Tests the impact insulation difference between a bare concrete subfloor with no flooring materials and the same concrete subfloor with flooring and underlayment.

\* The higher the number, the better the noise control!

Delta IIC	Flooring	Structure
25	5.5mm Vinyl Plank	6" Concrete slab - no ceiling

#### QuietBoard Installation Methods:

Can be floated, stapled, or glued over wood or concrete subfloors. See full installation guide for complete instructions.



#### Size:

2'x3' panels (part # QBOARD23) & 4'x6' panels (part # QBOARD46)

#### Packaging:

- (4'x6') 23 Pallets per truck / 150 panels per pallet / 3,450 total panels per truck (82,800 sqft)
- (2'x3') Inner pallet pack out - 44 pallets per truck / 80 panels per box / 4 boxes per pallet / 14,080 total panels per truck (84,480 sqft)
- (2'x3') Retail pack out - 58 pallets per truck / 15 panels per box / 16 boxes per pallet / 13,920 total panels per truck (83,520 sqft)

### SPECIFICATIONS

#### Materials:

100% Recycled Fibers

#### Thickness

1/4" (6mm)

#### Density

22.608lbs/ft<sup>3</sup>

#### Weight

0.55lbs/ft<sup>2</sup>

#### Moisture Emissions Protection

7lbs/1000ft<sup>2</sup>/24hrs

#### R-value

0.73-Hr-ft<sup>2</sup>-degf/btu

#### Force Reduction: 13.1%

No Vocs / Antimicrobial Treated Fibers

#### Castor Chair Test Reached 25,000 Cycles

Compression Resistance 496.8 Psi

#### Meets Federal Flammability Standard: 1-70 (Pill Test)

Approved For Use With In-floor Heating Systems



#### LEED CREDITS

- MR 4.1 10% recycled content
- MR 4.2 20% recycled content
- MR 5.1 10% content manufactured within 500 miles of project
- MR 5.2 20% content manufactured within 500 miles of project
- MR 6 Rapidly renewable resource EQ 4.3 low emitting VOC's



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