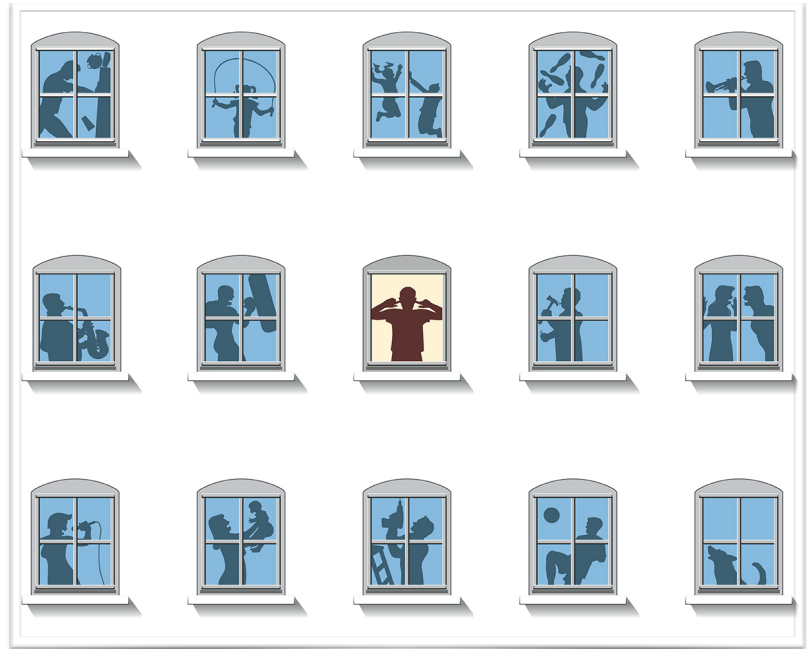


HOMASOTE® 440 SOUNDBARRIER®

We replace poured gypsum and resilient channel with state-of-the-art technology.

- ✓ 440 SB is a special-density, structural board made from 98% recycled Homasote® cellulose fiber.
- ✓ Homasote® 440 SoundBarrier® quiets noise in floors, walls and ceilings by decoupling and adding damped mass.
- ✓ Meets UL hourly fire rated floor and wall assemblies.
- ✓ Installing 440 SB simplifies project scheduling. It can be installed in the presence of other trades, without curing delays.
- ✓ Reduces sub-floor weight by over 85%.



Reduce Costs • Improve Performance • Build Green

Homasote® 440 SoundBarrier® replaces poured Gypsum Flooring and Resilient Channel by addressing historical modes of failure and inherent system limitations.

Homasote® rigid board technology accommodates building movement, so it will not crack like gypsum. Our flooring applications will retain long term IIC & STC.

In demising walls, we add damped mass behind drywall, addressing post installation attachment of televisions and shelving. Homasote® STC ratings will outlast any resilient channel application.



440 SoundBarrier® for Walls

High Failure Rates = High Contingencies

Developers, architects, and builders are fully aware of the difficult construction requirements of resilient channels, as well as the **post-construction failure rate and litigation risk**. Any attachment to a wall with shelving or TVs will void the entire resilient channel assembly.



Homasote 440 SoundBarrier® in Walls Will Not Lose STC Rating



The unique Homasote® design randomly distributes dense cellulose fibers in a homogeneous mass which absorbs sound and breaks the path of sound vibration. The cellulose fiber structure acts as a vibration isolator.



- Combined with - or added to - conventional partition and floor systems, 440 SoundBarrier® will reduce transmission of airborne and impact sounds.
- Improved STC in Unbalanced Walls.
- Installing 440 SoundBarrier® on one side of both metal and wood stud walls results in superior sound control.
- UL Listed Wall Assemblies
- STC 53 for Wood Stud Walls
- STC 55 for Metal Stud Walls





440 SoundBarrier® for Floors

Easy-to-Install Alternative to Poured Concrete

Used as an underlayment, Homasote 440 SoundBarrier® separates the finished floor from the base structure, creating a sound barrier. The special-density, structural board insulates and has twice the R-value of wood.

Homasote Eliminates Cracks and Failures in Poured Gypsum Floors, and Eliminates Loss of STC and IIC Rating Resulting for Long-term Results.

- 440 SoundBarrier® maintains the contour of the sub-floor. It stays level and maintains consistencies in elevation, eliminating potential performance problems around door openings (affecting swing and fit) and other height sensitive areas.
- 440 SoundBarrier® allows for building movement without cracking.
- Installing 1/2" 440 SoundBarrier® is typically \$.50 to \$1.00 per sq ft less than the cost of lightweight gypsum.
- 440 SoundBarrier® offers cost savings by reducing the amount of "joist" material required to carry the floor and still meet the specified performance criteria. 440 SoundBarrier® weighs just 1.2 lbs/sq ft.
- Independent Sound Tests Meet or Exceed STC and IIC 50 in Accordance with IBC-1207.

See more at <https://modern-materials.com/homasote-440-soundbarrier/>.