



The only decoupling device that works with:
- Wood Furring -
The only UL one-hour fire-rated floor/ceiling assembly that allows wood furring - UL M565



Raft dimensions: 4-7/8" x 1-7/8" x 2-1/2"

Raft®Connectors

Noise and Vibration Isolating Structural Decoupling Connectors

For controlling the movement of sound through walls, floor/ceiling assemblies, and associated components.

HushFrame's unique side-mount design allows for varying depth alignment adjustment.

Adds 14-21 STC points to typical wall
Adds 14-18 IIC points to typical floor / ceiling

Recommended connected load limits:
50 lbs. shear - 1.5 mm max. deflection
80 lbs. tension - 1 mm max. deflection



Typical raft spacing 24"x32" or 24"x48" grid

HUSHFRAME'S UNIQUE TWO STEP INSTALLATION:

- The rafts are fastened to studs and joists with two 1 5/8" coarse-thread bugle-head screws or 8P ring nails.
- Then 1x3 wood furring is attached to the rafts with one 2" coarse-thread bugle-head screw.

UL ONE-HOUR FIRE RESISTANCE RATED DESIGNS:

- UL- M565 floor/ceiling with wood furring
- UL- M548 floor/ceiling with metal hat channel
- UL- U311 single wood-stud wall
- UL- U340 staggered wood-stud bearing wall
- UL- U344 single wood-stud shear wall
- UL- W307 single-stud bearing exterior wall
- UL- W473 metal-stud interior wall



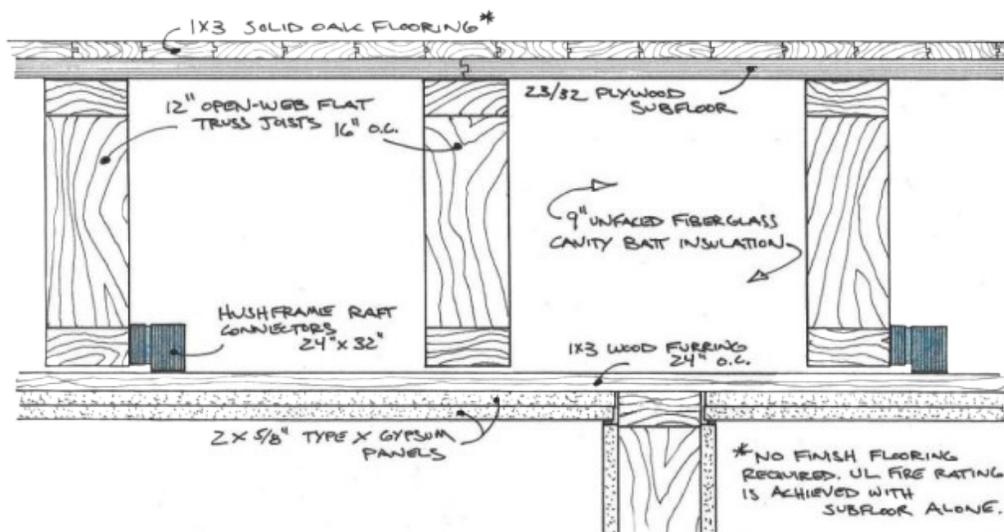
HOW DOES HUSHFRAME WORK?

Decoupling is the most effective strategy to defeat noise transmission through walls and floor/ceiling assemblies. Waves of noise vibrational energy travel easily through dense building materials such as wood framing.

The soft Shore A Durometer 25 hardness of the pure silicone HushFrame cores consumes noise vibration through the scientific phenomenon known as the "Viscous Drag Method of Absorption".

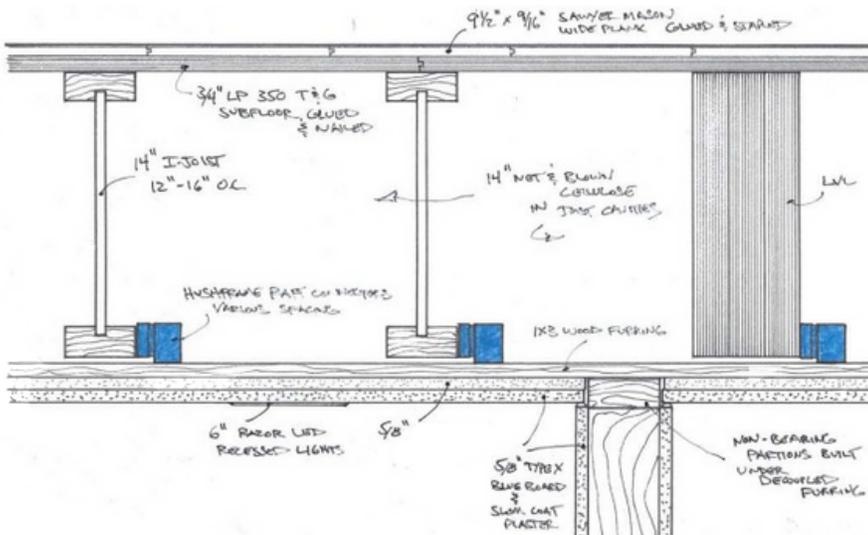
HOW LONG WILL HUSHFRAME LAST?

Metal decoupling clips are manufactured with various polymers that start to break down in as little as 15 years. Our pure silicone will stay the course for 100+ years.



This simple floor/ceiling assembly conforms to UL M565 and obtained an STC 54 and IIC 53 in acoustic field testing where STC 45 and IIC 45 are mandated by code, thereby exceeding the ICC Acoustics Grade B criterion field allowance of NNIC 52 and NISR 52.

No Gypcrete, no resilient underlayment pad, just exceptional performance.



This simple floor/ceiling assembly conforms to UL M565 and obtained an STC 60 and IIC 59 in acoustic field testing where STC 45 and IIC 45 are mandated by code, thereby exceeding the ICC Acoustics Grade A criterion field allowance of NNIC 57.

No Gypcrete, no resilient underlayment pad, just exceptional performance.

