

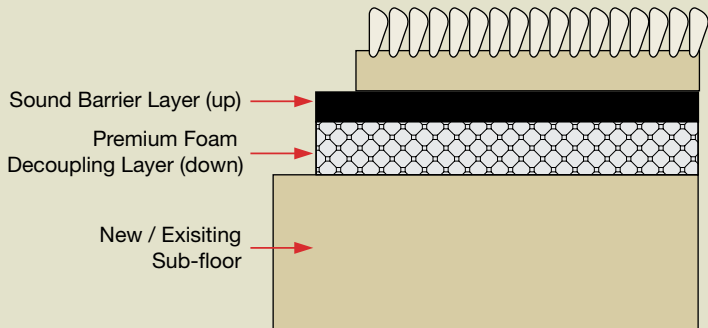
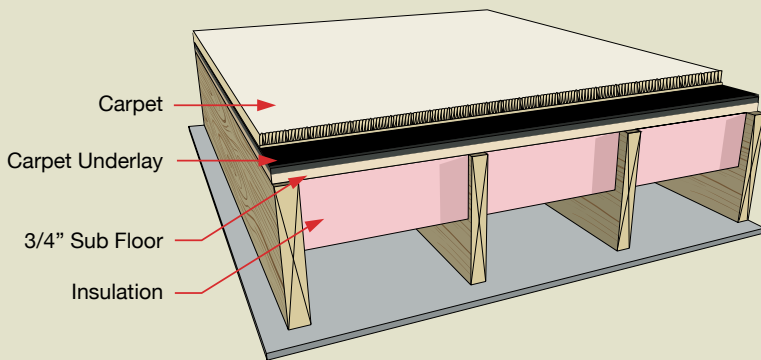
PRIVACY CARPET UNDERLAYMENTS

PROVEN RESULTS FOR STC AND IIC

SIMPLE TO INSTALL, READILY AVAILABLE

PROVEN, RELIABLE PERFORMANCE FOR STC & IIC

ONE-STEP SOLUTION TO ANY FLOOR NOISE PROBLEM



Privacy Carpet Underlay is a unique solution for both footsteps, and airborne noise through any floor. By adding significant mass you will create privacy upstairs and down.

PRIVACY CARPET UNDERLAYMENTS

Sound Isolation Company introduces the most comprehensive collection of products for use under carpet, to create true privacy and footstep noise reduction. Our carpet underlayments have been designed specifically for soundproofing under carpet and eliminate the need for a carpet pad in most cases. Privacy Carpet Underlayments have been proven to work repeatedly in applications just like yours. To effectively block sound energy from above and below, use our Privacy Carpet Underlayments.

In almost every case the primary difficulty with noise where carpet is involved, is lightweight construction. Wood frame with no insulation in the cavity and single layer, direct attached, 1/2" drywall ceilings. The only solution to block noise through the floor is to add both mass, and to prevent direct contact between the barrier component and the sub floor. Adding more plywood to the floor, drywall to the ceiling below, even adding insulation to the air cavity, will NOT work. Mechanical isolation, floating the barrier layer, is the key difference with Privacy Floor Underlayments.

Several options are available that will increase the weight of the floor by 2 lbs or more for maximum airborne noise blocking.

Underlay	Total Size	Foam Size	Weight	STC
Premium	3/4" thick	1/2" thick	2 lbs sq/ft	32
Ultimate*	1/2" thick	n/a	2 lbs sq/ft	32
Performance	3/8" thick	1/4" thick	1 lbs sq/ft	27

* May require a carpet pad

Solve your floor noise problem. Call now to get it right the first time 888-666-5090

SOUND [ISOLATION] COMPANY

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Soundproofing Carpet Underlayment

- ▶ Compare samples before you buy; lightweight foams will not perform over time. See the difference with Privacy Floor Underlayments.
- ▶ You will need our help in determining if you have an STC or IIC problem, maybe even both; each one requires different consideration, call now 888-666-5090.
- ▶ Select a product specifically designed for floors; using mass loaded vinyl alone, or adding more layers of standard building materials will not work.

PREMIUM UNDERLAY: For your most demanding applications, we can combine foam layers as thick as 1/2" with a barrier layer of 1/4" to create a premium performance product. Adding 2 lbs of weight insures maximum privacy. Our typical uses for this product are recording studios, commercial spaces, high end residential and luxury yacht staterooms.

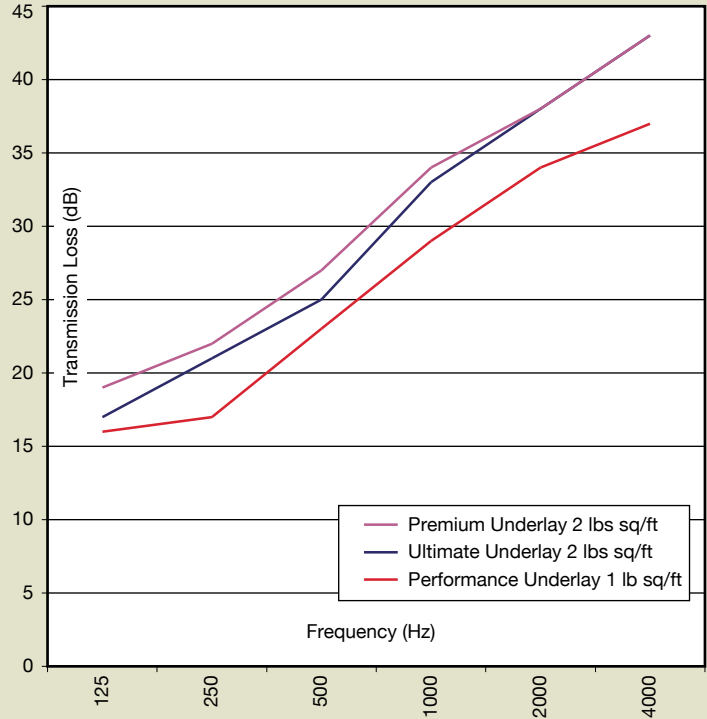
ULTIMATE UNDERLAY: Manufactured entirely of recycled rubber, Privacy Ultimate Underlay adds 2 lbs of weight, in only 1/2", and provides superior wear resistance for any carpet. An added carpet pad is sometimes needed for residential, when a luxury carpet is to be installed.

PERFORMANCE UNDERLAY: For most applications our 1/4" premium foam, combined with a 1/8" barrier layer will provide superb results. At 1lb/sqft Performance Carpet Underlayment will add measurable privacy to your home. Instead of a carpet pad, Performance Underlay is 3/8" thick, perfect for most carpet installations.

SOUNDPROOFING ACCESSORIES

- Foil Seam Tape (improves STC)
- Acoustical Caulk

PERFORMANCE DATA



Density / Foam	125	250	500	1000	2000	4000
Premium (2 lbs - 3/4")	19	22	27	34	38	43
Ultimate (2 lbs - 1/2")	17	21	25	33	38	43
Performance (1 lb - 3/8")	16	17	23	29	34	37

PHYSICAL PROPERTIES

Thickness (composite)	1/2" to 3/4"
Weight (composite)	1 lb to 2.25 lbs sq/ft
Flammability (foam) UL 94 HF-1 MVSS 302	Pass Meets
Specific Gravity (barrier) ASTM D 798	1.80
Hardness (barrier) Shore A 2, ASTM D 2240	90 Nominal
Stiffness (barrier) ASTM 749	19.60 mpa
Tensile (barrier) ADSTM D 412	407 psi
Elongation (barrier) ASTM D 412	120%
Tear (barrier) ASTM D 624	77 lbs/1"
Temp Range (composite)	-40° to 255° F