

Eco Silent Sound

Underlayment for the best support and sound absorption for your floors

Eco Silent Sound underlayment is suitable for floating, glue down, and nail down laminates, engineered wood, solid hardwood, bamboo, and hybrid resilient flooring installations.



MOISTURE BARRIER FILM

For the best moisture protection



Resists indentation that enables your floors to perform to its fullest potential and last a lifetime

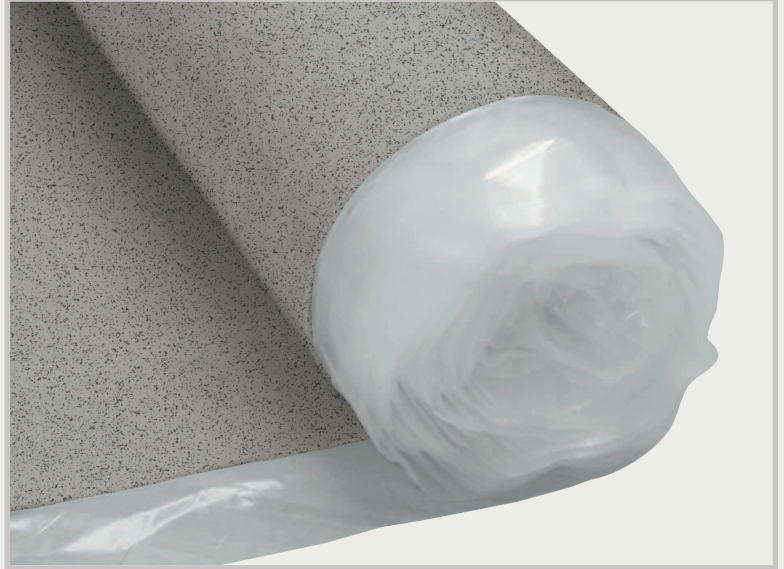


REDUCE THE NOISE!

Excellent sound absorption



Approved for use with pad attached flooring



Made with 100% post consumer recycled granulated rubber tires and high-density polyurethane foam



- **Approved for use under flooring planks with or without pre-attached pad.**
- Reduces floor noise by providing excellent sound absorption (up to 78% db)
IIC 70 / STC 73 (with ceiling) / Delta IIC 22
- Exceeds Air Quality and Flammability standards
- UL GreenGuard Gold certified underlayment
- 100% recyclable and environmentally friendly
- Contains an anti microbial treatment
- Quick and easy installation
(no additional seaming tape needed)
- Eliminates minor subfloor imperfections
- Adds thermal value and suitable for use with radiant heat flooring

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llflooring.com



MADE IN THE U.S.A.

Eco Silent Sound Underlayment Product Specifications

LL Flooring recommends Eco Silent Sound acoustical underlayment for the best support, moisture protection, and sound absorption for floating, glue down, nail down laminates, wood, and hybrid resilient flooring.

ADVANTAGES

- Eco Silent Sound™ is made with 100% post consumer recycled granulated rubber tires and high-density polyurethane foam using rapidly renewable resources (soybean polyols and vegetable oils)
- **Suitable for floating, glue down, and nail down laminate, wood, and hybrid resilient flooring installations.**
- **Approved for use under flooring planks with or without pre-attached pad.**
- New revolutionary moisture barrier film for the best bond strength, durability and moisture protection up to 4 lbs. of pressure. In geographic areas where concrete subfloors are subject to excessive moisture, a calcium chloride moisture test is required. Vapor emission readings in excess of 4 lbs. per 1,000 square feet in 24 hrs. will require additional protection such as concrete sealant or polyethylene sheeting.
- Contains an antimicrobial protection that resists mold and mildew
- Crushpruf™ technology resists indentation that enables your floors to perform to its fullest potential and last a lifetime
- Provides cushioned comfort under hard laminate flooring
- Eliminates minor subfloor imperfections
- Offers the industry's best limited lifetime warranty
- Suitable for radiant heat flooring systems

APPROVED SUBSTRATES

- Dry, completely cured concrete (at least 14 days old with HVAC operating)
- ¾" interior plywood, OSB flooring, gypcrete
- Waterproofing and crack-isolation membranes
- Cement backer units
- Existing vinyl, wood, and laminate floors

FLOOR PREPARATION

- Subfloor should be clean and dry
- Follow the wood manufacturer's installation instructions for any additional preparation

QUICK AND EASY INSTALLATION

Requires no additional seaming tape, cuts with a knife.

1. Install Eco Silent Sound™ with film down against concrete/subfloor.
2. **For floating and nail down installations**, roll out underlayment with tape strip next to wall. Roll out next row in same manner butting underlayment close to first row (do not overlap) and covering the moisture barrier film. Remove the tape strip and secure the overlapping moisture barrier film.

For double glue down installation for wood flooring, use a urethane based adhesive (based on adhesive manufacturer's recommendation) with a 1/16" trowel on the subfloor. **Trim off excess overlapping film.** On the top side of underlayment, just below the installed wood, follow the spread rate and trowel size according to the wood/adhesive manufacturer's recommendation. Roll with a 75 -100 lb. roller to smooth out any air pockets and to secure a good bond to the adhesive..

3. Install flooring according to the laminate/wood/vinyl manufacturer's installation instructions.

PACKAGING

- Available in 3' x 33.34' (100 sq. ft.) rolls

TECHNICAL DATA

100% High-Density Polyurethane foam underlayment blended with post consumer recycled granulated rubber tires and bonded to a moisture vapor film.

Thickness	.075"
Density	25 LBS
Weight	2.35 oz/sq.ft.
Antimicrobial	Contains Treatment
Thermal Resistance	R-Value .17
Compression Resistance ASTM D3676	20 psi
Compression Set ASTM D3574	8.3 %
Indoor Air Quality	GreenGuard Gold certified UL 2818
Flammability Rating	Passes Federal Flammability Standards DOC-FF-1-70
Smoke Density	Passes, 110 max
Product Emissions	Exceeds VOC emissions requirements, environmentally friendly

SOUND ABSORPTION PROPERTIES

Impact Insulation Class (IIC) *This method is to measure the impact sound transmission performance of a floor-ceiling assembly (sound transmission through the floor)*

IIC	Flooring	Sub-Floor
73	Laminate/Engineered	8" concrete with ceiling assembly
70	Laminate/Engineered	6" concrete with ceiling assembly
52	Laminate/Engineered	6" concrete with NO ceiling assembly
58	Hardwood	6" concrete with ceiling assembly
53	vinyl plank	6" concrete with NO ceiling assembly
73	vinyl plank	6" concrete with ceiling assembly

Sound Transmission Class (STC) *This method is to measure the air-borne sound insulating property of a partition element for effectiveness in blocking sound*

STC	Flooring	Sub-Floor
73	Laminate/Engineered	6" concrete with ceiling assembly
77	Laminate/Engineered	8" concrete with ceiling assembly
51	Laminate/Engineered	6" concrete with NO ceiling assembly
53	Hardwood	6" concrete with ceiling assembly
51	vinyl plank	6" concrete with NO ceiling assembly
68	vinyl plank	6" concrete with ceiling assembly

Delta IIC *The db rating difference between a floor measured with an underlayment and with no underlayment*

Δ IIC 22 (up to a 78% db sound reduction)

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