

PRODUCT SPECIFICATIONS

The Eco-Ultimate Silencer™ maintains the beauty of your floor like nothing else.

ADVANTAGES

- Eco-Ultimate Silencer™ 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, solid hardwood, engineered wood, and bamboo flooring.**
- 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 **Ultra-Fresh®**, 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 (must be primed before glue down)
- 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-Ultimate Silencer™ Acoustical 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.
3. **For double glue down installation for wood flooring**, use a urethane based adhesive (based on the adhesive manufacturer's recommendation) with a 1/16" – 3/32" trowel on the subfloor. **Trim off the excess overlapping film.** 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). Roll with a 75 -100 lb. roller to smooth out any air pockets and to secure a good bond to the adhesive.
4. Install flooring according to the laminate/wood manufacturer's installation instructions.

PACKAGING

- Available in 3' x 33.34' (100 sq. ft.) rolls and 6' x 75' (450 sq. ft.) contractor size rolls

TECHNICAL DATA

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

Thickness075"
Density	25 LBS
Weight	2.35 oz/sq.ft.
Antimicrobial Treatment	ULTRA-FRESH™
Thermal Resistance	R-Value .17
Compression Resistance ASTM D3676	20 psi
Compression Set ASTM D3574	8.3 %
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
58	Hardwood	6" concrete with ceiling assembly
52	Laminate/Engineered	6" concrete with NO 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
53	Hardwood	6" concrete with ceiling assembly
51	Laminate/Engineered	6" concrete with NO 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