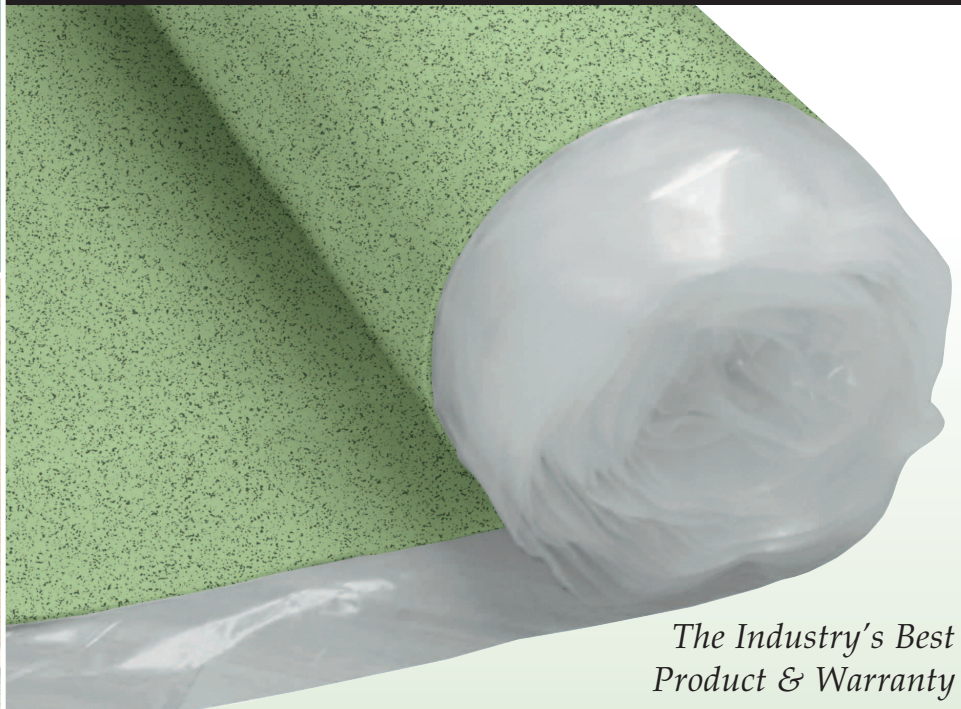


Eco-Ultimate Silencer™ Acoustical underlayment is suitable for glue down, nail down, and floating laminate, engineered wood, hardwood, and bamboo flooring installations. Offers the best support, moisture protection and sound absorption for your floors.

Industry's most  
durable and versatile  
underlayment that  
offers unparalleled  
acoustical properties



## PRODUCT SPECIFICATIONS



*The Industry's Best  
Product & Warranty*

# ECO-ULTIMATE SILENCER™



## Acoustical Underlayment with Moisture Barrier

Made with recycled granulated rubber tires and high density frothed polyurethane foam using rapidly renewable resources (castor / vegetable oils)

- *Approved and warranted for use under planks with or without pre-attached pad.*
- Reduces floor noise by providing excellent sound absorption
- 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
- Crushpruf™ technology that resists indentations



### Foam Products Corporation

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**MADE IN U.S.A.**



The **Silencer**™

# PRODUCT SPECIFICATIONS

**The Eco-Ultimate Silencer™ maintains the beauty of your floor like nothing else.**  
**The Eco-Ultimate Silencer™ underlayment can stand up to the pressure.**

## ADVANTAGES

- Eco-Ultimate Silencer™ is made with 100% post consumer recycled granulated rubber tires and high-density polyurethane foam using rapidly renewable resources (castor / vegetable oils)
- Suitable for floating, glue down, and nail down laminate, solid hardwood, engineered wood, and bamboo flooring.**
- Approved and warranted for use under 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 (*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.*

- Install Eco-Ultimate Silencer™ Acoustical with film down against concrete/subfloor.
- 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 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.
- 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.**

Thickness.....	.075"
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 %
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
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