

ECO ULTIMATE SILENCER™

ACOUSTICAL UNDERLAYMENT WITH MOISTURE BARRIER



 Approved for Pad Attached Flooring

 Antimicrobial

 Moisture Vapor Barrier

 Sound Reduction

 Compression Resistant

 Insulating Value

 Recycled Content

AMBIENT SOUND (STC) = 73

IMPACT SOUND (IIC) = 73 • Δ IIC = 22

(Numbers may be higher depending upon actual assembly)

INSTALLATION METHODS

Can be installed in Floating, Glue Down, and Nail Down applications

WHY USE UNDERLAYMENT?

- Improves acoustics
- Luxury feel
- Moisture barrier
- Corrects minor subfloor imperfections

Approved and warranted for use under planks with or without pre-attached pad. Foam Products will honor the original flooring warranty when installed to original flooring installation instructions.



USE WITH

Laminate, Engineered Wood, Hardwood, and Bamboo flooring installations

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)
- New revolutionary moisture barrier film for the best bond strength, durability and moisture protection up to 7 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 7 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

QUICK AND EASY INSTALLATION

- Subfloor should be clean and dry
- Follow the wood manufacturers installation instructions for any additional preparation
- 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 roll in same manner butting underlayment close to first row (do not overlap)
 - Remove the tape strip and secure the overlapping moisture barrier film
- **For double glue down wood floor installation:**
 - Use a urethane based adhesive (based on adhesive manufacturer's recommendation)
 - 1/16"-3/32" trowel on the subfloor
 - Trim off excess overlapping film
 - Roll out underlayment with tape strip next to wall
 - Roll out next roll in same manner butting underlayment close to first row(do not overlap)
 - Roll with 75-100 lb. roller to smooth out any air pockets and to secure a good bond to adhesive
- Install flooring according to the laminate/wood manufacturer's installation instructions

IIC/STC/ΔII RATINGS

IIC	73- Laminate/ Engineered Floor on 8" Concrete w/ ceiling assembly
	70- Laminate/ Engineered Floor on 6" Concrete w/ ceiling assembly
	58- Hardwood Floor on 6" Concrete w/ ceiling assembly
	52- Laminate/ Engineered on 6" Concrete w/ no ceiling assembly
STC	73- Laminate/ Engineered Floor on 6" Concrete w/ ceiling assembly
	77- Laminate/ Engineered Floor on 8" Concrete w/ ceiling assembly
	53- Hardwood Floor on 6" Concrete w/ ceiling assembly
	51- Laminate/ Engineered on 6" Concrete w/ no ceiling assembly
ΔIIC	22

LEEDS 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	20% content manufactured within 500 miles of project
MR 6	Rapidly renewable resource
EQ 4.3	low emitting VOC's

TECHNICAL DATA

100% High-Density polyurethane foam underlayment blended with post-consumer recycled granular rubber tire and bonded to a moisture vapor film

Thickness:	1.9 mm
Density:	25 lbs./ cubic foot
Weight:	2.35 oz./ square foot
Antimicrobial:	Included
Thermal Resistance:	R-Value .17
Compression Resistance ASTM D3676:	20 psi
Compression Set ASTM D3674:	< 4%
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

SHOULD I USE UNDERLAYMENT WITH PAD ATTACHED FLOOR?

Not all foams are alike. Most foams used on pad-attached flooring will crush when walked on. Once crushed, they lose their performance characteristics. Adding Silencer® underlayment with CrushPruf™ technology gives the crush resistant performance to add to the long-term satisfaction from the basement to the attic.

