

# SAVE OUR PLANET!

World's First Underlayment with a New **REVOLUTIONARY moisture barrier film** with unique bond strength and durability allows the application of this product for all **Glue Down, Nail Down, and Floating** laminate & wood floor installations

## PRODUCT SPECIFICATIONS



*The Industry's Best Product & Warranty*

## ECO-SILENCER HD™ FOF

### Acoustical Underlayment with Moisture Barrier



Made with recycled granulated rubber tires added to our industry leader, Silencer™ underlayment.

**APPROVED AND WARRANTED** for use under planks with or without pre-attached pad.

**PROTECT OUR ENVIRONMENT!** Stop old tires from going to the landfills – use **Eco-Silencer HD™ FOF**.

**IMPROVES INDOOR AIR QUALITY!** UL GreenGuard Gold Certified underlayment

**GO GREEN!** and also generate the building standard LEED credits.

**Agrol®**  
A Product of BioBased Technologies®

### Foam Products Corporation

350 Beamer Road  
Calhoun, Georgia 30701  
800-526-3626 • fax 706-625-0855  
[www.foamproducts.com](http://www.foamproducts.com)



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



The **Silencer™**



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

## ADVANTAGES

- Eco-Silencer HD™ FOF 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.**
- 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 **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.

- Install Eco-Silencer HD™ FOF 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

## 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 .....                          | 20 LBS   |
| Weight .....                           | 2.65 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                                   |