Eco-Silencer HD FOF

Acoustical Underlayment

with Moisture Barrier

- 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
- Made of 100% High Density Polyurethane Foam using rapidly renewable resources (soybean polyols and vegetable oils)

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, engineered, and hardwood flooring
- New revolutionary moisture barrier film for the best bond strength, durability and moisture protection
- Contains an antimicrobial protection that resists mold and mildew
- Crushprufl™ 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)
- 3/4" interior plywood, OSB flooring, gypsum board, gypcrete
- Waterproofing and crack-isolation membranes
- Cement backer units

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-Silencer HD™ FOF with film DOWN on 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 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 35 -75 lb. roller to smooth out any air pockets and to secure a good bond to the adhesive.
3. Install flooring according to the 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 — 2.35 oz/sq.ft.
Antimicrobial Treatment
Thermal Resistance — R-Value .17
Compression Resistance ASTM D3676 — 20 %
Compression Set ASTM D3574 — 9.3 %
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)

<table>
<thead>
<tr>
<th>IIC</th>
<th>Flooring</th>
<th>Sub-Floor</th>
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<tbody>
<tr>
<td>70</td>
<td>Laminate/Engineered</td>
<td>6&quot; concrete with ceiling assembly</td>
</tr>
<tr>
<td>58</td>
<td>Hardwood</td>
<td>6&quot; concrete with ceiling assembly</td>
</tr>
<tr>
<td>52</td>
<td>Laminate/Engineered</td>
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Sound Transmission Class (STC) This method is to measure the air-borne sound insulating property of a partition element for effectiveness in blocking sound

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