ECO-SOUND REDUCTION HIGH DENSITY FOAM UNDERLAYMENT

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

- **Thickness**: 0.075"
- **Density**: 25 LBS
- **Weight**: 2.35 oz/sq.ft.
- **Antimicrobial Treatment**: ULTRA-FRESH™
- **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>
</tr>
</thead>
<tbody>
<tr>
<td>73</td>
<td>Laminate/Engineered</td>
<td>8” concrete with ceiling assembly</td>
</tr>
<tr>
<td>70</td>
<td>Laminate/Engineered</td>
<td>6” concrete with ceiling assembly</td>
</tr>
<tr>
<td>58</td>
<td>Hardwood</td>
<td>6” concrete with ceiling assembly</td>
</tr>
<tr>
<td>52</td>
<td>Laminate/Engineered</td>
<td>6” concrete with NO ceiling assembly</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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**Δ 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
- **MR 6**: Rapidly renewable resource
- **EQ 4.3**: Low emitting VOC's

For more information on this product or to order samples call 1-877-631-2845 or visit our website at builddirect.com
ECO-SOUND REDUCTION HIGH DENSITY FOAM UNDERLAYMENT

100% High-Density Polyurethane foam underlayment bonded to a moisture vapor film

**Thickness** ................................................................. .060”

**Density** ............................................................................. 30 LBS

**Weight** ........................................................................... 2.65 oz/sq.ft.

**Antimicrobial Treatment** ........................................... ULTRA-FRESH™

**Thermal Resistance** ..................................................... R-Value .17

Compression Resistance ASTM D3676 ......................... 41.51 psi

Compression Set ASTM D3574 .......................................... 4 %

**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)

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<td>53</td>
<td>vinyl plank</td>
<td>6” concrete with NO ceiling assembly</td>
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<td>vinyl plank</td>
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<td>vinyl plank</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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LEED CREDITS

MR 6  Rapidly renewable resource

EQ 4.3 low emitting VOC’s
SOUND REDUCTION SYNTHETIC RUBBER UNDERLAYMENT

MATERIALS - 100% SBR Rubber w/ polypropylene Film

THICKNESS - .075", 1.8 mm, 16 lb Density

MOISTURE BARRIER - 2 mil with lip and tape sealing system

MOLD, MILDEW, BACTERIAL RESISTANT - Ultra-Fresh® Antimicrobial treatment

THERMAL RESISTANCE (R VALUE) (ASTM C518) - .20 (exceptional for radiant floor heat)

COMPRESSION RESISTANCE (ASTM D3676) - 10.3 psi

COMPRESSION SET (ASTM D3574) - 20%

FIRE RATING - DOC-FF-1-70, Passes

SMOKE DENSITY (ASTM E-622-95) - 85 Max, Passes

BENEFITS -

- Floating floor installations – NOT for glue down
- Eliminates hollow clacking sounds
- Excellent sound absorption with ratings of 70IIC db, 71STC db
- Smoothes out minor subfloor irregularities up to 1/32”
- Suitable for use with radiant heat flooring systems
- Non-allergenic and odorless
- 100% Recyclable, environmentally friendly
- Made in the USA

ROLL SIZE - 3’ x 33.34’ (100 sq. ft.) , 55 per pallet ,

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