Solve the entire soundproofing problem. Acoustik™ reduces both impact and airborne noise.

Soundproof your floors with an innovative product made from 100% recycled rubber

Acoustik™
acoustic subflooring

A “GREEN” PRODUCT
Made from 100% recycled rubber
BUILDING A “GREENER” TOMORROW

AVAILABLE FROM
Acoustical Surfaces, Inc.
SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS
123 Columbia Court North – Suite 201 – Chaska, MN 55318
952-448-5300 Fax: 952-448-2613 (888) 223-5784
sales@acousticalsurfaces.com www.acousticalsurfaces.com
Acoustik™ is a high performance “GREEN” soundproofing subflooring that reduces impact and airborne noise.

- COMFORTABLE AND RESILIENT
- PROVIDES HIGH THERMAL INSULATION
- DAMPENS VIBRATIONS ■ PASSES ROBINSON TEST
- FULLY WATERPROOF, 100% VAPOR BARRIER
- COST EFFECTIVE ■ EASY TO INSTALL AND WORK WITH
  - Acoustik™ subflooring is made from 100% recycled tires. Ideal under wood, ceramic or marble floors. It provides better resistance to impact noise and enhances the floors acoustic performance.
  - Acoustik™ has been tested by renowned acousticians and/or architects specializing in acoustics.
  - This high-quality product is suitable for all types of structures and floor coverings.

Material: Recycled rubber.
Pattern: Flat, semi-smooth.
Applications: Effective impact noise control and soundproofing. For use as a subfloor in new and renovation construction projects. Reduces impact noise and vibrations while reducing airborne sound transmission. Great under hardwood, ceramic or carpet.
Nom. Size: Sold by square foot.
Nom. Thickness: 1/4", 3/8", 1/2".
Color: Black.
Installation: Adhesive, DAS & Poly 300, both are MAPEI adhesives.

Acoustik™ has been tested over the years by renowned acousticians and architects specializing in acoustics. The following graph represents actual results. Tested without suspended ceilings.

Acoustik™ subflooring made from 100% recycled tires, is ideal under wood, ceramic or marble floors. It provides better resistance to impact noise and enhances the floor’s acoustic performance.
Use Acoustik™ subflooring for effective reduction of impact noise, vibration, airborne sound & crack suppression.

**LIGHT CONCRETE SLAB**
1. Finished floor (tested with ceramic, suitable for marble grades etc.)
2. Floor furring strip
3. Acoustik™ 1/8"
4. Light concrete floor slab 1/2"
5. Insulation board
6. 3/8" or 5/8" plywood
7. Joist or beam
8. Acoustik™ wood 6"
9. Flexible bar
10. 2 x Gypsum

**Acoustik™ test results ceramic, light concrete slab**

<table>
<thead>
<tr>
<th>Acoustik™</th>
<th>STC</th>
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<th>FIC / IIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; (6 mm)</td>
<td>56</td>
<td>64</td>
<td>51 / 58</td>
</tr>
<tr>
<td>3/8&quot; (9 mm)</td>
<td>56</td>
<td>59</td>
<td>59 / 56</td>
</tr>
<tr>
<td>1/2&quot; (12 mm)</td>
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<td>60</td>
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**WOOD FRAME**
1. Finished floor (tested with ceramic, suitable for marble grades etc.)
2. Floor furring strip
3. Acoustik™ 1/8"
4. 3/4" or 5/8" plywood
5. Joist or beam
6. Acoustik™ wood 6"
7. Flexible bar
8. 2 x Gypsum

**Acoustik™ test results ceramic, wood frame**

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**LIGHT CONCRETE SLAB**
1. 3/4" Engineered or solid wood
2. Floor furring strip
3. Acoustik™ 1/8"
4. Light concrete floor slab 1/2"
5. Insulation board
6. 3/4" or 5/8" plywood
7. Joist or beam
8. Acoustik™ wood 6"
9. Flexible bar
10. 2 x Gypsum

**Acoustik™ test results engineered or solid wood: light concrete slab**

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**WOOD FRAME**
1. 3/4" Engineered or solid wood
2. Floor furring strip
3. Acoustik™ 1/8"
4. 3/4" or 5/8" plywood
5. Joist or beam
6. Acoustik™ wood 6"
7. Flexible bar
8. 2 x Gypsum

**Acoustik™ test results engineered or solid wood: wood frame**

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**Acoustik™ test results with 6" or 8" Concrete slab (no drop ceiling)**

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**Acoustik™ test results with 6" or 8" Concrete slab (no drop ceiling)**

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The Florida Building Code / section 1207.3 is mentioning a minimum difference of 5 in between field test and laboratory test in accordance with ASTM E 492.
For even greater noise reduction we recommend including Ultratouch R-13 or R-19 acoustic cotton insulation and RSIC-1 Resilient Sound Isolation Clips.

RSIC-1 Resilient Sound Isolation Clip, an Economical Solution for High STC Walls, Floors & Ceilings

**FEATURES:**
- Replaces old fashioned less effective resilient channel.
- Sound Transmission Class (STC) rating of 55, a full 19 dB greater than lesser wall assemblies.
- Experiences with the RSIC-1 have recorded remarkable improvements of up to STC 20 on walls.
- Not only is the RSIC-1 silencing the competition with sound elimination, the RSIC-1 is approved for U.L. Classification in 139 Resistive Design Assemblies. Up to 4 (four) Hour Fire Endurance Tests. Tough, durable, attractive. Low cost, high performing.
- Field Impact Isolation Class Rating of 82.
- Floor/ceiling systems utilizing RSIC-1 have recorded STC ratings as high as 80.

**PRODUCT HIGHLIGHTS**
- RSIC-1 Resilient Sound Isolation Clips provide 2 unique approaches to sound privacy that will prevent sound from noisy neighbors transmitting through your walls or floor/ceiling assemblies.
- The RSIC-1 Clips have recorded remarkable improvements of up to an additional 20 STC points on walls.
- The RSIC-1 is designed to retrofit and improve existing walls and ceilings as much as 8-10 db, by actual field tests.

**AVAILABLE MODELS FOR VARIOUS APPLICATIONS:**
- RSIC-1 • RSIC-1 RETRO • RSIC-1 ADM • RSIC-1 TTC
- RSIC-1 EXT04 • RSIC-AFL Window Mullion • RSIC-1.5CRC
- RSIC-2 • RSIC-1 with 3/8” spacer • RSIC-2 RETRO • RSIC-DC04 • RSIC-DC04X2 • RSIC-HW • RSIC-CWB • RSIC-V • RSIC-BB • RSIC-ES

**ACOUSTIK™ INSTALLATION**
- Install the ACOUSTIK™ membrane directly on the structure (concrete or wood).
- Then lay the floor covering over the ACOUSTIK™ membrane.
- Let dry for 24 hours before use.

Go to www.acousticalsurfaces.com/acoust_flooring/acoustik.htm to get full installation details, specifications and advice on adhesive.

**ACOUSTIK™ FORMAT**

**Thickness nominal:** 1/4”, 3/8”, 1/2”
Available in sheets of different sizes – sold in sq. ft. Please verify with your local representative.

**SALES REPRESENTATIVE:**

**SALES DOCUMENTATION:**

**AVAILABLE FROM**

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