Thermoquiet is an acoustic floor underlay which provides acoustic and thermal properties. It can be used for both residential and commercial applications under various finished flooring including, but not limited to, carpet, engineered or solid hardwood, vinyl plank, tile and laminate flooring.

Thermoquiet can be installed using single or double face glue, double sided carpet tape, stapled or floated over wood or concrete surfaces. Its optimized multi-layer construction including dual density foam providing superior comfort and durability.

### Amvic Advantage

- Includes a built-in lip and tape for fast and easy joint connections.
- Rolls out flat and straight for easy large installs.
- Can be used under electric mesh radiant heat systems or in conjunction with low profile radiant PEX pipe lock-down panels.
- Composite construction with flame retardant additive.
- Does not promote growth of mold and mildew.
- Acts a thermal break, reducing heat flow across the assembly.
- Metalized film surface acts as a vapor barrier with lip and tape for full continuity.
- Can be installed in ceilings and walls for additional sound attenuation.

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# PRODUCT DATA SHEET

## THERMOQUIET

### Physical Properties Table

<table>
<thead>
<tr>
<th>Roll Weight</th>
<th>Thermal Resistance</th>
<th>Roll Length</th>
<th>Roll Area Coverage</th>
<th>Roll Weight</th>
<th>Case Weight</th>
<th>Gaylord/Pallet Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TQ100B35</td>
<td>∆IIC 20</td>
<td>0.67 Ft.²/hr/Btu (0.12 m²/K/W)</td>
<td>25.0ft (7.62m)</td>
<td>100ft²</td>
<td>4.5lb</td>
<td>9 → 55lb (9 → (24.95kg))</td>
</tr>
<tr>
<td>TQ250B35</td>
<td>∆IIC 20</td>
<td>0.67 Ft.²/hr/Btu (0.12 m²/K/W)</td>
<td>62.5ft (19.05m)</td>
<td>250ft²</td>
<td>12lb</td>
<td>4 → 62lb (4 → (28.12kg))</td>
</tr>
<tr>
<td>TQ500B35</td>
<td>∆IIC 20</td>
<td>0.67 Ft.²/hr/Btu (0.12 m²/K/W)</td>
<td>125ft (38.10m)</td>
<td>500ft²</td>
<td>24lb</td>
<td>6 → 225lb (6 → (102kg))</td>
</tr>
</tbody>
</table>

1 As tested for ASTM E2179, 6” (152mm) concrete slab floor - ceiling assembly
2 As tested for ASTM C518

Thermoquiet is 10/64” (4mm) thick by 48” (1291mm) wide.

### Applications
- Above residential wood subfloor
- Below residential wood floor joists (basement ceiling)
- Low profile retrofit for basement concrete floor
- Main and second floor low profile hydronic applications
- Residential walls and home theatre applications
- Multi-story wood residential with self-leveling cement floors
- Partition/demising walls in stacked townhouses and multi-story wood residential
- Multi-unit residential buildings with concrete floors
- Commercial walls, floors and ceilings in offices

### Installation Details
- Wood surface: staple every 4’ (1219mm) on center to stabilize and stretch.
- Concrete surface: glue or double side tape every 4’ (1219mm) on center to stabilize and stretch.
- Remove all folds and wrinkles when stabilizing. Do not overlap layers.
- Thermoquiet is installed with the metalized side facing down.
- Product not to be used above radiant floor heating.

See Thermoquiet Installation Guide for detailed installation instructions.