Rockfon® Plenum Barrier Board

Features & Benefits
- Improves sound isolation and privacy between rooms
- Installs quickly above interior partitions
- Lightweight and easy to cut
- Conforms around pipes and ducts
- Expands and contracts with deflection

Applications
- Combine with Acoustic ceilings
- Private offices & meeting rooms
- Patient, exam & treatment rooms
- Classrooms
- Premanufactured/modular rooms
- New construction or post occupancy remediation

Rockfon ceiling tiles are manufactured using advanced stone wool technology. All stone wool tiles benefit from:

- High Acoustic Absorption
- Class A Fire Rated Performance
- Moisture and Sag Resistance
Rockfon® Plenum Barrier Board

LEED® V4 HIGHLIGHTS
Materials and Resources (MR)
- Waste Management Planning
- Interiors Life Cycle Impact Reduction
- Environmental Product Declarations
- Sourcing of Raw Materials
- Material Ingredients
- Waste Management

Indoor Environmental Quality (EQ)
- Low-Emitting Materials
- Interior Lighting
- Acoustic Performance

Recycled Content: up to 40%

<table>
<thead>
<tr>
<th>Edge designation</th>
<th>Item number</th>
<th>Board size</th>
<th>lbs/sqft</th>
<th>sqft/pallet</th>
<th>Fire Class</th>
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</thead>
<tbody>
<tr>
<td>Square</td>
<td>7900</td>
<td>2’ x 4’ x 1-1/2”</td>
<td>1</td>
<td>528</td>
<td>A</td>
</tr>
</tbody>
</table>

Material
Stone wool (mineral wool) semi-rigid insulation board with reinforced aluminum foil facing adhered on one side

Performance

Without Plenum Barrier Board
- Blocking level 20-35 STC/CAC/NIC
- Test report NGC-6016008
- Noncompliance with most standards
- Avoid this design approach

With 1-Layer Plenum Barrier Board
- Blocking level 40 STC/CAC/NIC*
- Test report NGC-6016016
- Compliance with some standards
- Use over walls with standard doors and large areas of glass

With 2-Layer Plenum Barrier Board
- Blocking level 50+ STC/CAC/NIC*
- Test report NGC-6016017
- Compliance with most standards
- Use over walls without doors and glass

Note:
STC:  Sound Transmission Class   ASTM E90 / ASTM E413
CAC:  Ceiling Attenuation Class  ASTM E1414 / ASTM E413
NIC:  Noise Isolation Class      ASTM E336 / ASTM E413

* Blocking level results from combining ceiling performance with plenum barrier performance. Ceiling should be standard, 5/8” thick (or thicker), stone wool ceiling panels in suspension grid. The construction of the interior partition should have equal or greater sound blocking performance.