These highly durable acoustical panel absorbers are the ideal solution to airborne noise problems in abuse prone areas.

Functional and aesthetically pleasing, the Kinetics’ KNP panel is ideal for controlling reverberant noise problems in gymnasiums, natatoriums, and recreation centers.

These highly durable, abuse resistant panels are easy to install on standard Z-clips.

KNP panels are constructed from galvanized steel or aluminum perforated facing. The facing is folded along the vertical edges and is reinforced at each end with solid channels. Each panel is filled with a 2” thick, glass fiber sound absorber encapsulated in a heat sealed poly vinyl bag.

The perforated metal face is powder coat painted in a variety of specified colors. The Noise Reduction Coefficient (NRC) of 0.90 (A mounted) means more reverberation control for a given coverage area when compared to many other abuse resistant panels.
**DESCRIPTION**
A highly durable, abuse resistant perforated metal acoustical panel. Available with flat or V-groove face.

**COMPOSITION**
22 gauge perforated galvanized steel or 0.040 perforated aluminum covering a glass fiber absorber in a heat sealed black poly vinyl bag. Solid channel framing for panel stability.

**APPLICATIONS**
Reverberant, noisy spaces where panels must resist damage from impacts, abrasion, or moisture.
- Gymnasiums
- Recreational Facilities
- Multi-Purpose Rooms
- Natatoriums (*specify aluminum*)
- Convention Centers

**FIRE TEST DATA**
Class A per ASTM E84

**ACOUSTICAL PERFORMANCE**
Sound Absorption per ASTM C-423.
Type A Mounting

<table>
<thead>
<tr>
<th>Frequency, Hz</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>NRC</th>
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<tr>
<td>Absorption Coefficient</td>
<td>0.22</td>
<td>0.77</td>
<td>1.12</td>
<td>1.00</td>
<td>0.78</td>
<td>0.57</td>
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**Note**: Stand off brackets (*optional*) will increase sound absorption

**SIZES AND TOLERANCES**
**Model KNP**, 2” thick Flat Face; maximum 42” wide x 120” high or 114” wide x 48” high.
Sizes up to 54” wide x 144” high or 138” wide x 60” high available as special order.

**Model KNP-V**, 2” thick V-Groove Face; maximum 36” wide x 120” high or 96” wide x 48” high.
Sizes up to 48” wide x 144” high or 132” wide x 60” high available as special order.
Note: KNP-V panels are sized in increments of 6”, the width of each V ridge. Minimum panel size is 12” wide. V-grooves run vertically

**Tolerances** - Models KNP and KNP-V panels are built to plus or minus 1/8 inch tolerances for length, width and squareness.

**MOUNTING**
Z-Clips (*top*), L-Clips (*bottom*) standard.
Optional: Stand-off brackets or J - Channel (*bottom*), Z-channel (*top*)