

KINETICS NOISE CONTROL

Model KNP PERFORATED METAL PANELS



KNP, Flat Panel



KNP, V-Groove Panel

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.



6300 Irelan Place
Dublin, OH 43017
1.800.959.1229 Toll-Free
www.kineticsnoise.com

Over 50 years of success solving acoustics and noise control problems!

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

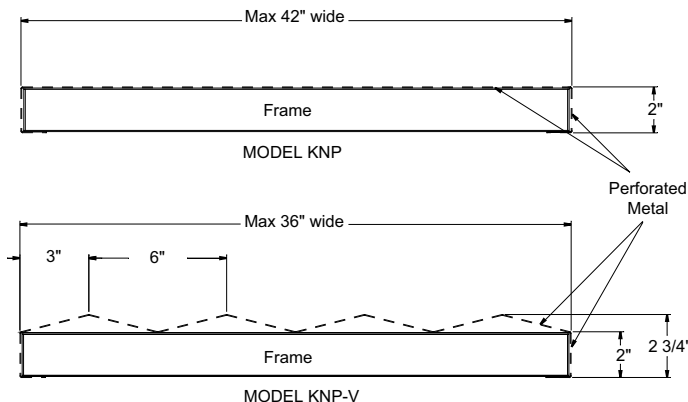
Class A per ASTM E 84

Acoustical Performance

Sound Absorption per ASTM C-423.
Type A Mounting

Frequency, Hz	125	250	500	1000	2000	4000	NRC
Absorption Coefficient	0.22	0.77	1.12	1.00	0.78	0.57	0.90

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.

Diagonal measurement

Mounting

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

Download the Specification in CSI Masterformat at www.kineticsnoise.com

