



KINETICS® KNP
PERFORATED METAL ACOUSTICAL PANELS

KNP V-GROOVES

These highly durable acoustical panel absorbers are the ideal solution to airborne noise problems in demanding environments.

Functional and aesthetically pleasing, KNP panels are ideal for controlling reverberant noise problems in gymnasiums, natatoriums, and recreation centers.

These highly durable panels are easy to install on walls or ceilings in a variety of ways.

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 specifiable colors, or a custom paint match.

The Noise Reduction Coefficient (NRC) of 0.90 (A mounted) means more reverberation control for a given coverage area when compared to many other impact or corrosion resistant panels.

KNP - Perforated Metal Acoustical Panels

DESCRIPTION

A highly durable 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 C423.

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: Offset brackets (*optional*) will increase sound absorption

SIZES AND TOLERANCES

KNP-F, 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.

KNP-V, 2-3/4" 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 - KNP-F and KNP-V panels are built to plus or minus 1/8 inch tolerances for length, width and squareness.

Diagonal measurement

MOUNTING

Standard:

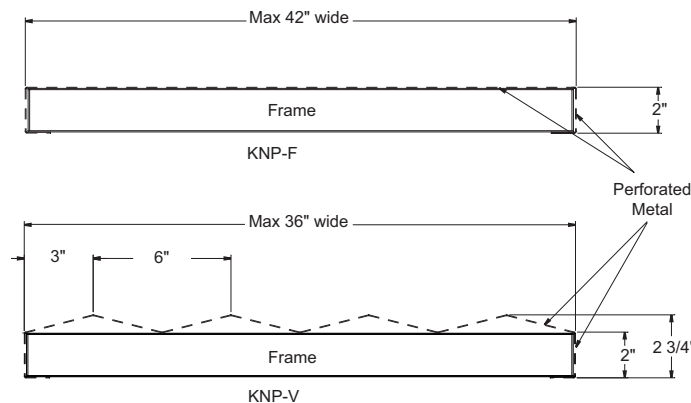
Z-Clips (top), L-Bottom Support Angles

Options:

Z-Channel (top)

J-Channel (bottom)

Offset Brackets - 1", 2", 3", 4"



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