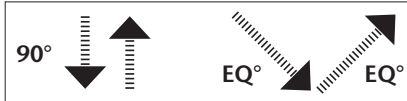


ACOUSTICAL INSTRUMENT STORAGE

STEVENS ADVANTAGE® BAND & MUSIC ACOUSTICAL OPTION

The Stevens Advantage® Band & Music acoustical equipped instrument storage units are engineered and designed to purposefully address sound element characteristics.

- Sound generally travels in a straight line wave pattern. The wave direction from its source at a 90° angle to a hard smooth surface returns directly back at 90° to the surface. Sound which approaches at an angle to the surface continues away at the same incidence angle as the approach.

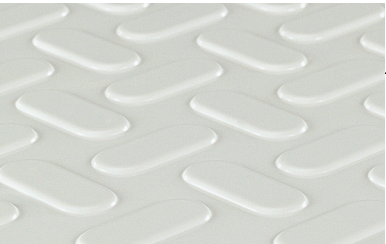


- However, the direction can be swayed (bent), using various techniques, i.e., irregular surfaces and/or surface capturing designs.

The Stevens Advantage® Band & Music acoustical option uses several methods to mitigate negative effects of sound by both direction modification and actual capture.

The efficient design of the Stevens Advantage® Band & Music cabinets requires minimal additional cabinet depth and, thus, intrusion into room space.

The horizontal shelves have one-piece wraparound high impact Scuff-Gard™ nosing, with an alternating angular surface design (chevron style). This provides ventilation under stored materials. But, when open, this design changes the directional flow of sound, unlike a linear front-to-back groove.



ANGULAR RAISED DESIGN SHELF COVERING

Interior backs are covered with an open weave fabric with absorption and pass-through abilities. The structural backs are perforated with thru-holes, providing greater than 19% open perforation.

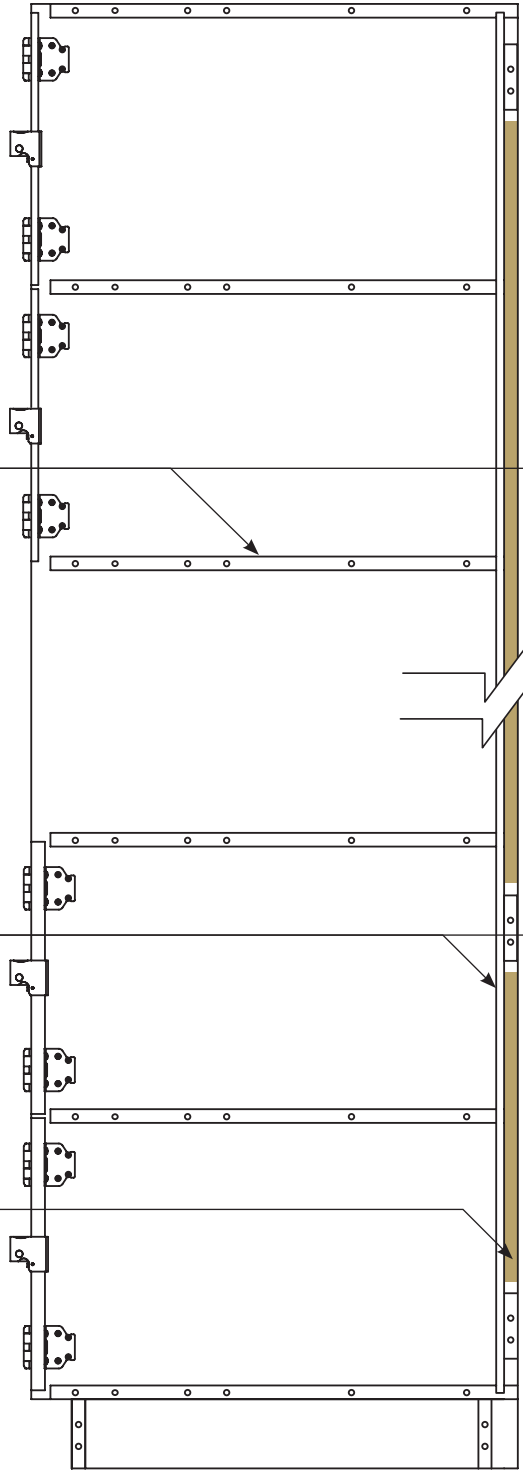


PERFORATED BACKS WITH OPEN WEAVE FABRIC COVERING

Absorption through the fabric surface penetrates through the perforated back panel into a rear chamber cavity. This chamber is filled with an acoustical wall panel that captures and contains sound and carries a Noise Reduction Coefficient (NRC) of .75, as tested in accordance with ASTM C 423 methods.



ACOUSTICAL WALL PANEL IN REAR CHAMBER



Wire Acousti-Grille doors are one-piece welded with 5-knuckle hinges, full wrap 5/16" diameter steel frame, 5/16" cross framing reinforcements and 13/64" diameter vertical grille wires. Hasps feature integral self-latching mechanism designed for padlock use.