



FACE SHEET:
16 GA.
PERFORATED
STEEL W/ 1/8" Ø
HOLES ON 1/4"
STAGGERED
CENTERS
(23% OPEN)

4" THICK
1.5 lb/cu. ft.
FIBERGLASS

FACE SHEET:
16 GA. SOLID
STEEL

18 GA.
P-CHANNEL

H/P-42 PANEL

QuietMOD H/P-42 PANEL DESCRIPTION:

- PANEL IS 4" THICK WITH SOLID SKIN ON ONE SIDE AND A PERFORATED SKIN ON THE OTHER.
- ENTIRE PANEL IS CONSTRUCTED WITH "PAINT READY" A-60 GALVANNEAL OR G-90 GALVANIZED STEEL
- FACE SHEETS ARE SPOT WELDED TO THE PANEL FRAMING CHANNEL
- ALL STIFFENERS AND CHANNEL FRAMING ARE FORMED FROM A MINIMUM OF 18 GA. STEEL

SOUND TRANSMISSION LOSS, dB

OCTAVE BAND CENTER FREQUENCIES (Hz)	125	250	500	1K	2K	4K	STC
QuietMOD H/P-42 PANEL	23	31	40	49	56	62	42

*All testing conducted by U.S. Gypsum Laboratories
*All data in accordance with ASTM E90-99 and E413-87

SOUND ABSORPTION COEFFICIENTS

OCTAVE BAND CENTER FREQUENCIES (Hz)	125	250	500	1K	2K	4K	NRC
QuietMOD H/P-42 PANEL	0.68	1.06	1.12	1.08	1.03	0.98	0.95

*All testing conducted by Riverbank Acoustical Laboratories
*All data in accordance with ASTM C423-90a and E795-00

weight = 5.2 lbs/sq.ft.

PROPRIETARY

THIS DESIGN AND DRAWING IS THE EXCLUSIVE PROPERTY OF NOISE BARRIERS, LLC. AND IS SUBMITTED AS CONFIDENTIAL INFORMATION IN CONNECTION WITH YOUR INQUIRY. IT MUST NOT BE USED FOR ANY OTHER PURPOSES, NOR CAN IT BE COPIED OR LOANED WITHOUT WRITTEN PERMISSION. UPON REQUEST IT MUST BE RETURNED IMMEDIATELY.



NOISE BARRIERS

401 AIRPORT DRIVE
NORTH AURORA, IL 60532
Phone: (847) 843-0500
Fax: (847) 843-0501
www.noisebarriers.com

QUIETMOD H/P-42
ACOUSTIC WALL
PANEL DETAIL

PROJECT:

TYPE:

SUBMITTED BY:

DATE:

ISSUE:

APPROVED BY:

DATE:

PROJECT No.:

PROJ. MGR.

SHEET: