

Acoustical and Structural Specifications... "Mini" Series 250 Sound Shelter

1. DIMENSIONS:

Outside Dimensions: 29 in. wide x 39 in. deep x 75 in. high
(737 x 991 x 1905mm)

Inside Dimensions: 24 in. wide x 34 in. deep x 66 in. high
(610 x 864 x 1676mm)

Weight: 650 lb net; 710 lb shipping weight
(295; 322kg)

2. CONSTRUCTION: Constructed of IAC 2 1/2 in. (64mm) thick Noishield® panels — solid cold-rolled textured steel exterior surfaces and perforated galvanized steel interior surfaces.

3. DOOR: One (1) 24 in. wide x 66 in. high (610 x 1676mm) (clear opening) Noishield door supported on two architectural heavy-duty butt hinges integrally mounted within the door leaf and panel frame. Self-aligning magnetic compression seals are mounted on the top and sides of the door leaf. A self-adjustable drag seal is supplied for the bottom of the door.

4. WINDOW: One (1) double-glazed 1/4 in. (6mm) thick safety glass fitted in aluminum frame 30 in. high x 24 in. wide (762 x 610mm).

5. JACK PANEL: Completely prewired flush-mounted jack panel consisting of four (4) Switchcraft 3-wire phone-type jacks with covers and two (2) Cinch Jones connectors.

6. VENTILATION: Ceiling panel contains an all-in-one forced-ventilation system and intake and exhaust silencers.

7. LIGHTING: One (1) single-tube fluorescent light fixture mounted in the room above the window, with ballast mounted externally.

8. ELECTRICAL: Switch mounted on lighting fixture (inside the room) operates the fan and light. A 10 ft (3048mm) long drop cord is provided for connection to power.

9. SHELF: outside mounted shelf for audiometer — 16 in. x 32 in. (406 x 813mm).

10. FLOOR: Carpeting consisting of a 3-ply 100% Caprolan continuous-filament nylon yarn bonded to a 3/16 in. (5mm) sponge rubber glued to floor and trimmed with black cove molding.

11. NOISE REDUCTION: Noise reduction is defined as the measured difference between the sound pressure levels outside the booth and inside the booth.

OCTAVE BAND CENTER FREQUENCY, Hz	NOISE REDUCTION dB
125	18
250	32
500	38
1000	44
2000	51
4000	52
8000	50

12. ERECTION PROCEDURE: Room is shipped pre-assembled, finish painted (outside and inside), and ready to use.

13. PAINT FINISH: Desert Sands, exterior and interior.

14. OPTIONAL EQUIPMENT:

- Casters for ease of portability.
- Vibration isolators where structure-borne noise is a problem.
- Intercom systems.

JUST FOUR OF THE "MINI" BOOTH'S USES... A TRULY VERSATILE ROOM!



INDUSTRIAL USE:
IN-PLANT LOCATION



INDUSTRIAL USE:
MOBILE SCREENING UNIT



COMPUTERIZED AUDIOMETRIC
TESTING AND ANALYSIS



OTO/AUDIOLOGICAL USE:
CASTERS OPTIONAL

*Bulletin illustrates general appearance of product at time of publication.
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