



THICKNESS:
1 1/2", 2", 3" or 4"

NRC RANGE:
.90 to 1.05

Quiet Baffles are ideal for large open areas where sound control is desired but wall space is unavailable. In areas such as cafeterias, pool rooms and gymnasiums, where sound control panels cannot be mounted to the walls, Quiet Baffles are suspended vertically from the ceiling. The baffles have radius, beveled, mitered or square edges, and are fabric-wrapped on both the faces and the edges.

SCOPE

This section includes all of the QUIET BAFFLES as manufactured by Quiet Concepts, Oak Park, Michigan as shown on drawings or referred to in these specifications.

MATERIALS

1. Quiet Baffles shall be constructed of semi-rigid glass fiber core with exceptional sound absorbing qualities. It shall be dimensionally stable and non-combustible. Each unit shall be (1 1/2"), (2"), (3") or (4") in thickness, height and width as required. All edges shall be chemically hardened, to protect against damage and warping. The corners shall be (square) or (rounded). The edges of the panel shall be (square), (beveled), (mitered) or (radius).
2. All panels shall be fabric wrapped on the face, all edges and a return on the back of not less than 1" with Quiet Concepts (standard fabrics and perforated vinyls) or (manufacturer approved custom fabric).
3. The Quiet Baffles shall be mounted using the following manufacturer's recommended mounting methods ("D" Ring with "S" Hook).
4. Quiet Baffles shall have a noise reduction coefficient of (.90), (.95) and (1.05) using ASTM C423-90A "Standard test method for sound absorption and sound absorption coefficients by the reverberation room method."
5. All components utilized in the construction of the Quiet Baffles meet Class A flame rating as tested per ASTM E84-94A standard test method for surface burning characteristics of building materials.

PRODUCT HANDLING

Protect Quiet Baffles from excessive moisture in shipment, and handling. Deliver in unopened bundles and store in dry place with adequate air circulation. Do not deliver material to building until "Wet Work" such as concrete and plaster have been completed and cured to a condition of equilibrium.

PROJECT CONDITIONS

1. Do not begin installation until spaces to receive Quiet Baffles have been enclosed and maintained at approximately the same humidity and temperature conditions as planned for occupancy. Conditions from 60 degrees F to 85 degrees F and not more than 80% R.H. in an enclosed building.
2. The contractor shall be responsible for the examination and acceptance of all surface and conditions prior to the wall panel installation.

INSTALLATION

1. All Quiet Baffles should be installed in accordance with the manufacturer's specifications and recommendations.
2. All necessary hardware and accessories for a complete job installation is to be furnished by the contractor.