



ACC-U-SOUND HIP I (High Impact Panel)

Quiet Technology Systems' ACC-U-SOUND Wall Panels (HIP I) are composite panels that provide protection in high abuse areas as well as excellent acoustical value.

Acoustical Core

6-7 PCF rigid fiberglass core with a perforated 1/16" co-polymer face capable of absorbing heavy impact

Edges

Chemically hardened to resist damage and provide clean, crisp edge profile
Available edge profiles include square or kerfed for spline

Finishes

Standard is Guilford FR701 2100 Series Fabric
A wide variety of fabrics and perforated vinyls are also available

Sizes

Thickness: 1 1/16", 1 1/16", 1 9/16", 2 1/16", 3 1/16"

Maximum Width x Height: 48" x 120"

Custom sizes available

Mounting

Adhesive & Impaling clips

Concealed spline

Mechanical clips

Applications

Convention Centers

Correctional Facilities

Gymnasiums

Institutional Buildings

Multi-purpose Rooms

NRC

1 1/16" .55 - .60

1 1/16" .85

1 9/16" .95

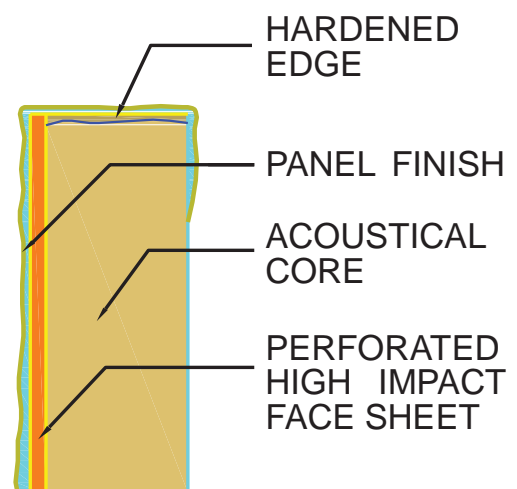
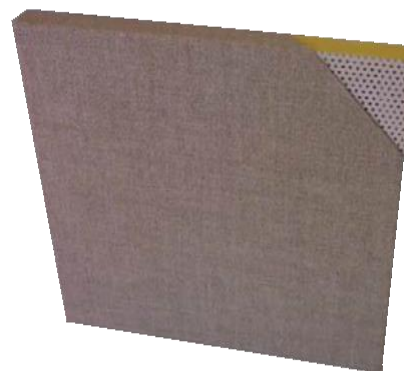
2 1/16" 1.00

3 1/16" 1.05

Fire Test

ASTM-E84 Tunnel Test

Panel components less than 25
or class "A" or "1"



SPECIFICATIONS FOR HIP I SERIES PANELS

PART 1 GENERAL

- 1.1 Work in this section shall be subject to drawings, general conditions, schedules, addenda and other contract documents.
- 1.2 Submit _____ samples of each type of acoustical panel as shown on the drawings and in schedules and include appropriate technical information including test data and maintenance instructions.
- 1.3 Acoustical panels shall be installed to manufacturers recommendations.
- 1.4 Installation of acoustical panels shall not begin until all wet work is completed and dry. Building shall be climatized and under standard occupancy conditions (temperature of 65 – 80 degrees and not more than 70% relative humidity) before installation begins. NOTE: This panel should not be exposed to intense direct sunlight or extreme temperatures.
- 1.5 Substitutions or changes will only be permitted by prior approval by the architect.

PART 2 MATERIALS

- 2.1 Acoustical wall panels shall be Quiet Technology Systems Type: HIP I as manufactured by Quiet Technology Systems, 255 N. Pasadena Street, Gilbert, AZ 85233. Phone (480) 632-9234 Fax (480) 632-9238.
- 2.2 Acoustical panels shall be constructed of single core construction of dimensionally stable medium density rigid 6 –7 lb. Pcf fiberglass. Panel face to be laminated with 1/16” thick perforated copolymer face sheet. Nominal overall thickness of 1 1/16”, 1 1/8”, 1 1/4”, 1 3/8”, 1 1/2”. (choose one).
- 2.3 Sizes: _____ wide and _____ high or as shown on drawings. Standard maximum size is 48” wide by 120” high nominal. Custom shapes or larger sizes available, consult manufacturer. Panels are to be manufactured according to field dimensions supplied by the installing contractor. Standard tolerances are plus or minus 1/16” in width and length.
- 2.4 Edge profile shall be: Square. Corner detail shall be: Square, radius, or custom (choose one). Edge treatment shall be resin hardened.
- 2.5 Panel finish shall be: _____ (specify fabric manufacturer, pattern and color). Finish shall be applied directly to the face and edges of the panel and returned to the back of the panel 2” to provide a full finished edge. All corners are fully tailored.
- 2.6 Mounting shall be adhesive with impaling clip, z-clip, or spline (choose one). Adhesive, fasteners (ie: screws nails) and level clips to be supplied by the contractor. All other standard mounting brackets supplied by the manufacturer.
- 2.7 Acoustical performance – panels shall have a minimum NRC of _____ (specify) in accordance with ASTM C423
- 2.8 Flammability – All panel components shall have a Class “A” flame spread rating of 25 or less in accordance with ASTM E-84.