



## ACC-U-SOUND HIP II (High Impact Panel)

Quiet Technology Systems' ACC-U-SOUND Wall Panels (HIP II) 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

Heat formed for one piece construction  
Square edge only

### Finishes

A wide variety of colors available

### Sizes

Thickness: 1 1/16", 1 1/16", 1 9/16", 2 1/16"  
Maximum Width x Height: 48" x 120"  
Custom sizes available

### Mounting

Adhesive & Impaling clips  
Mechanical clips

### Applications

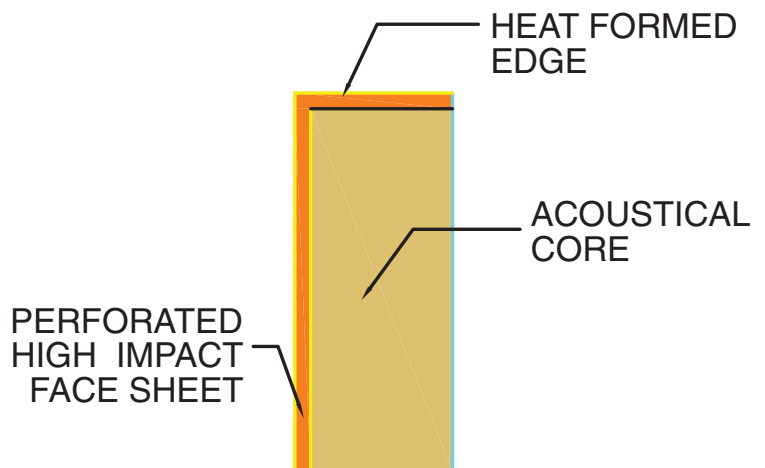
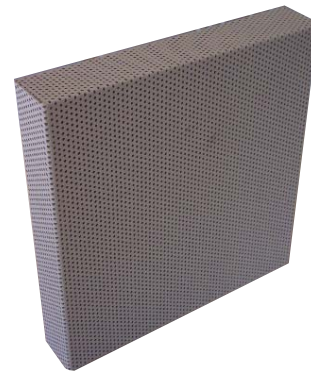
Convention Centers  
Correctional Facilities  
Gymnasiums  
Institutional Buildings  
Multi-purpose Rooms

### NRC

1 1/16"	.55 - .60
1 1/16"	.85
1 9/16"	.95
2 1/16"	1.00

### Fire Test

ASTM-E84 Tunnel Test  
Panel components less than 25  
or class "A" or "1"



# **SPECIFICATIONS FOR HIP II 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 II 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 and edges 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 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. Edges shall be heatformed or self-edged to provide a monolithic appearance.
- 2.5 Panel finish shall be from QTS standard copolymer colors.
- 2.6 Mounting shall be adhesive with impaling clip or z-clip. (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.