

# *QuietMod<sup>TM</sup> H/P-43 Fire 2*

## *Two Hour Fire Rated Panels*

Modular Fire Rated Panel system is ideal for applications requiring a certified two-hour fire rating.

Typical uses include test cells, interior partition walls, process enclosures and sound control applications.



## **QuietMod<sup>TM</sup> Benefits Compared to Standard Construction**

- The **QuietMod<sup>TM</sup>** wall is demountable and therefore classified as equipment, not leasehold improvement. In most circumstances, this material is subject to accelerated depreciated as equipment. Consult your tax specialist.
- **QuietMod<sup>TM</sup>** wall weighs 11.9 lbs per square foot versus 32 lbs per square foot for 8" concrete block. No foundation is required, construction on top of a concrete slab/floor is acceptable.
- Better noise reduction... Sound Transmission Class of the **QuietMod<sup>TM</sup>** wall is similar to concrete block. The **QuietMod<sup>TM</sup>** wall is perforated toward the fire (warehouse) side so it provides much needed sound absorption on the warehouse side.
- The **QuietMod<sup>TM</sup>** wall arrives on the site pre-painted, if required.
- The **QuietMod<sup>TM</sup>** wall can be delivered in three weeks after approved drawings and can be installed by a competent crew of three in less than one week.
- No construction mess... The **QuietMod<sup>TM</sup>** wall is a clean installation with very little mess or clean-up required.
- The **QuietMod<sup>TM</sup>** wall is easily disassembled, moved/stored and reinstalled in a new location.
- The **QuietMod<sup>TM</sup>** wall is easy to re-configure for different locations or size with very little material loss.
- The **QuietMod<sup>TM</sup>** wall can accommodate personnel and equipment doors.
- We include approval/installation CAD drawings stamped by a structural engineer.

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### **Product Features**

Durable, non-combustible materials	Paint ready A60 galvanized steel or G90 galvanized construction—16 gauge solid, 22 gauge perforated
Welded and riveted internally reinforced construction	Standard finish: Paint ready, galvanized steel
Heavier gauge steel available for especially rugged environments	Optional finish: Powder painted
Perforated material has 3/32" diameter holes on 3/16" staggered centers	Recycled content for LEED projects
Acoustic fill is inert, mildew-resistant, vermin-proof	Panel sizes up to 60" in width and 168" in length are available.
No lead or asbestos material	Actual panel sizes will vary depending upon project requirements.

### **Applications and Construction Data**

- Solid surface is 16-gauge galvanized steel. Perforated surface is 22-gauge galvanized steel.
- Design weight: 11.9lb/ft<sup>2</sup>, R Value: 18.
- Fire Rating - *QuietMod<sup>TM</sup>H/P-43 Fire 2 Panels* are fire rated by Intertek Testing Services, NA, Inc. at two hours with fire facing sound absorptive surfaces.
- Each *QuietMod<sup>TM</sup>H/P-43 Fire 2* bears a label with the Listing Mark of Intertek Testing Services, NA, Inc. certifying two-hour rating.

*Please contact us for specific product specifications and descriptions.*

### **Acoustical Performance QuietMod<sup>TM</sup> H/P-43 Fire 2**

Octave Band Center Frequencies, Hz	125	250	500	1K	2K	4K	
Sound Transmission Loss Data, dB	24	32	38	46	56	65	STC: 43
Sound Absorption Coefficient	0.96	1.15	1.20	1.14	1.10	1.02	NRC: 0.95 (1.15)

All tests performed by Riverbank Acoustical Laboratories, an independent NVLAP accredited acoustical testing facility.  
The test method conforms with ASTM Designations E90-04 and E-413.