

# QuietMod™ 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™ Benefits Compared to Standard Construction

- The **QuietMod™** 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™** 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™** wall is similar to concrete block. The **QuietMod™** wall is perforated toward the fire (warehouse) side so it provides much needed sound absorption on the warehouse side.
- The **QuietMod™** wall arrives on the site pre-painted, if required.
- The **QuietMod™** 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™** wall is a clean installation with very little mess or clean-up required.
- The **QuietMod™** wall is easily disassembled, moved/stored and reinstalled in a new location.
- The **QuietMod™** wall is easy to re-configure for different locations or size with very little material loss.
- The **QuietMod™** wall can accommodate personnel and equipment doors.
- We include approval/installation CAD drawings stamped by a structural engineer.



# QuietMod™

## Two Hour Fire Rated Panels

### Product Features

Durable, non-combustible materials  
Welded and riveted internally reinforced construction  
Heavier gauge steel available for especially rugged environments  
Perforated material has 3/32" diameter holes on 3/16" staggered centers  
Acoustic fill is inert, mildew-resistant, vermin-proof  
No lead or asbestos material

Paint ready A60 galvanized steel or G90 galvanized construction—16 gauge solid, 22 gauge perforated  
Standard finish: Paint ready, galvanized steel  
Optional finish: Powder painted  
Recycled content for LEED projects  
Panel sizes up to 60" in width and 168" in length are available.  
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™ 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™ 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™ 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.