

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 depreciation as equipment. Consult your tax specialist.
- The **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/ft², 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.

www.noisebarriers.com

2001 Kelley Court
Libertyville, IL 60048
Phone: (847) 843-0500
Fax: (847) 843-0501

