

QuietMod Modular System

Features:

- Modular Design
- Fully Demountable and relocatable without loss to structural or acoustic properties
- Unlimited size, design, and features
- Interior or exterior use
- STC ratings up to 59 decibels
- Noise Reduction from NRC .90 - 1.05
- Steel walls, floors, and ceilings
- Single leaf and double leaf doors
- Hinged and removable access plugs
- Removable panels
- Single glazed or double glazed windows
- Complete system including basic rooms, doors, ventilation systems, silencers, lighting, power and communication



QuietMod is a pre-engineered modular panel systems. They can be tied into existing buildings, used as barriers, or enclosure systems. QuietMod can be designed with or without a roof, and can be designed with angled walls.

Panels and connectors are constructed of A60 "paint-ready" Galvanneal steel. G90 spangled galvanized construction is also available. Prime painting or finish polyester powder coat paint is available in a wide selection of colors.

Noise Barriers "QuietMod" pre-engineered panel system includes wall and ceiling panels, doors, windows and silenced ventilation systems. Isolated floors, access panels, removable wall and ceiling panels are also available when necessary. All materials are acoustically rated by independent testing laboratories to ensure the appropriate noise reduction for every application. Panels can be made with perforated (sound absorbing) or solid (sound blocking) finish.

See the following page for product acoustical test data.

West General LLC

1475 Saratoga Ave, Suite 120

San Jose, CA 95129

Phone: 408-255-8644 Fax: 408-255-8677

www.westgeneral.com

QuietMod Modular System

Sound Transmission Loss Data

| | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | STC |
|--------|-------|-------|-------|------|------|------|-----|
| H/P 38 | 24 | 25 | 33 | 43 | 50 | 55 | 38 |
| H/P 42 | 23 | 31 | 40 | 49 | 56 | 62 | 42 |
| H/P 44 | 27 | 34 | 41 | 46 | 53 | 59 | 44 |
| H/P 50 | 29 | 27 | 48 | 56 | 57 | 54 | 50 |
| H/H 50 | 26 | 44 | 50 | 54 | 57 | 64 | 50 |
| H/H 52 | 37 | 43 | 47 | 53 | 54 | 57 | 52 |
| H/H 54 | 40 | 46 | 51 | 55 | 58 | 62 | 54 |
| H/H 59 | 43 | 45 | 56 | 66 | 67 | 77 | 59 |

H/P Panels include sound absorption.

Sound Absorption Coefficients

| | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|--------|-------|-------|-------|------|------|------|------|
| H/P 38 | 0.26 | 0.53 | 1.00 | 1.03 | 0.97 | 1.02 | 0.90 |
| H/P 42 | 0.68 | 1.06 | 1.12 | 1.08 | 1.03 | 0.98 | 0.95 |
| H/P 44 | 0.45 | 0.96 | 1.15 | 1.10 | 1.05 | 0.97 | 1.05 |



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