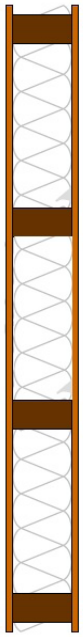
Resilient Sound Isolation Clips - RSIC-1

Test Results



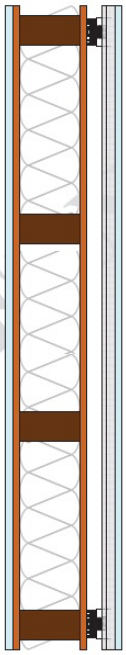
Direct Fix to Wood
No RSIC Clip

Construction:

- ½" Plywood
- 2x4 Wood Stud
- 3.5" Fiberglass Batt Insulation
- ½" Plywood

Fire Rating -

STC: 36



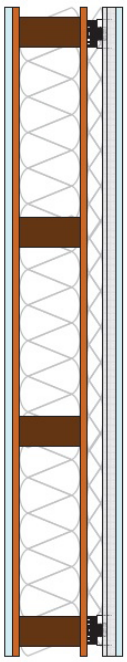
Direct Fix to Wood
With Gypsum Board

Construction:

- 5/8" Gypsum Wall Board
- ½" Plywood
- 2x4 Wood Stud
- 3.5" Fiberglass Batt Insulation
- ½" Plywood
- RSIC-1 clips
- 7/8" Drywall Furring Channel
- 5/8" Gypsum Board

Fire Rating: 1 Hour

STC: 47



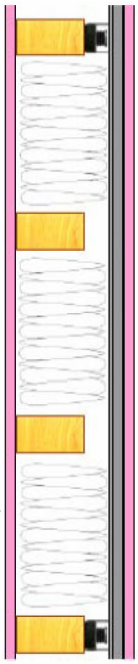
Direct Fix to Wood With
Gypsum Board and Insulation

Construction:

- 5/8" Gypsum Wall Board
- ½" Plywood
- 2x4 Wood Stud
- 3.5" Fiberglass Batt Insulation
- ½" Plywood
- RSIC-1 clips
- 1.5" Insulation
- 7/8" Drywall Furring Channel
- 5/8" Gypsum Board

Fire Rating : 1 Hour

STC: 53



Direct Fix to Wood Stud

Construction:

- 5/8" Gypsum Board
- 7/8" x 25 Guage Furring Channel, 24" OC
- RSIC-1 Clips, 48" OC
- 2x4 Wood Studs, 16" OC
- 6" Unfaced Fiberglass Insulation Cavity, Fully Filled
- 5/8" Gypsum Board

Fire Rating: 1 Hour

STC: 56

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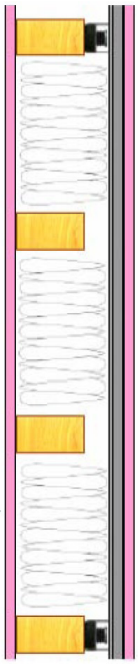
Resilient Sound Isolation Clips - RSIC-1

Test Results



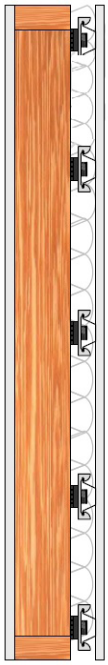
Direct Fix to Wood Stud with 1 LB Mass Loaded Vinyl

Construction:

- 5/8" Gypsum Board
- 1/8" 1 LB (UL Listed) Mass Load Vinyl
- 2"x4" Wood Stud, 24" OC
- R-19 Insulation, 5.5" Cavity, Fully Filled
- RSIC-1 Clips, 48" OC
- Drywall Furring Channel, 24" OC
- 5/8" Gypsum Board

Fire Rating: 1 Hour

STC: 57



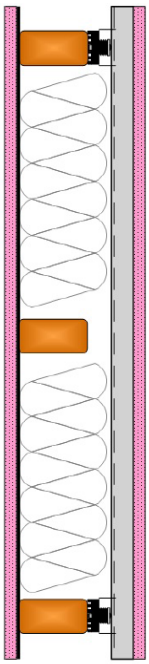
Direct Fix to Wood Framing

Construction:

- 5/8" Gypsum Board
- 2"x4" Wood Framing, 16" OC
- 6" Fiberglass Batt Insulation
- RSIC-1 Clips, Max 24" x 48" OC
- 7/8" Drywall Furring Channel, 25 Gauge
- 5/8" Gypsum Board

Fire Rating: 1 Hour

STC: 58



Direct Fix to Wood Stud with 2 LB Mass Loaded Vinyl

Construction:

- 5/8" Gypsum Board
- 1/4" 2 LB (UL Listed) Mass Load Vinyl
- 2"x4" Wood Stud, 24" OC
- R-19 Insulation, 5.5" Cavity, Fully Filled
- RSIC-1 Clips, 48" OC
- Drywall Furring Channel, 24" OC
- 5/8" Gypsum Board

Fire Rating: 1 Hour

STC: 58

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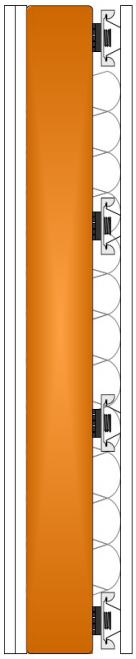
Resilient Sound Isolation Clips - RSIC-1

Test Results



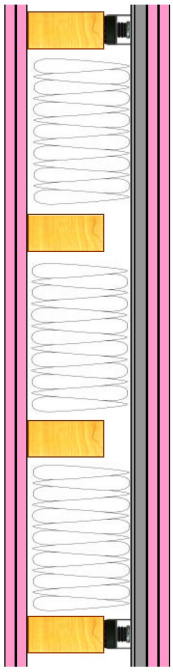
Direct Fix to Wood Stud with 2 Layers Gypsum Board

Construction:

- 2 Layers, 5/8" Gypsum Board
- 2"x4" Wood Stud, 16" OC
- 5.5" Unfaced Fiberglass Insulation
- RSIC-1 Clips, 48" OC
- 7/8" x 25 Gauge Furring Channel, 24" OC
- 1 Layer, 5/8" Gypsum Board

Fire Rating: 1 Hour

STC: 60



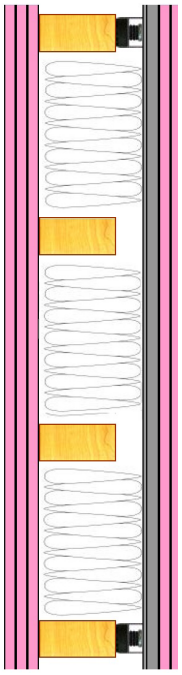
Direct Fix to Timber with Multiple Gypsum Boards

Construction:

- 2 Layers, 5/8" Gypsum Board
- 7/8" x 25 Gauge Furring Channel, 24" OC
- 2"x4" Wood Stud, 16" OC
- RSIC-1 Clips, 48" OC
- 6" Unfaced Fiberglass Insulation
- 2 Layers, 5/8" Gypsum Board

Fire Rating: 2 Hour

STC: 62



Direct Fix to Timber with Multiple Gypsum Boards

Construction:

- 2 Layers, 5/8" Gypsum Board
- 7/8" x 25 Gauge Furring Channel, 24" OC
- 2"x4" Wood Stud, 16" OC
- RSIC-1 Clips, 48" OC
- 6" Unfaced Fiberglass Insulation
- 3 Layers, 5/8" Gypsum Board

Fire Rating: 2 Hour

STC: 63

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