

TECHNICAL DATA

REGUPOL SONUSCLIP SC100

The **REGUPOL sonusclip SC100** is designed to reduce noise transmission through walls and ceilings. The **sonusclip SC100** is used to resiliently mount gypsum board. The rubber isolators absorb vibration and effectively decouple the gypsum board from the framing. The **sonusclip SC100** significantly improves the acoustic performance for both STC (airborne) and IIC (structure-borne) ratings. Each **sonusclip SC100** has a design load rating of 36 lb and can support two layers of 5/8" gypsum board when spaced at 24" x 48" on center. For detailed layouts and spacing recommendations, please see the installation guide or contact us.

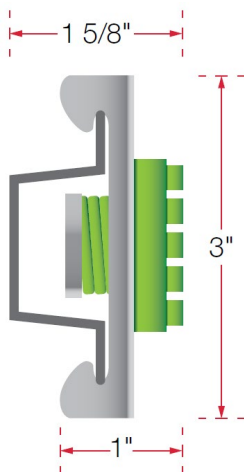


Applications

- › Walls
- › Ceilings
- › Resilient Mounting

Property	Result	Standard	Note
Deflection	3 mm		
Design Load	36 lb / clip		
Fire Resistance Testing	Pass	ASTM E119	Visit UL Product iQ for details
VOC Treated	Yes		

Dimensions



REGUPOL sonusclip SC100

- › Length: 3"
- › Width: 1-1/4"
- › Depth: 1"
- › Depth with Hat-Channel: 1-5/8"

Hat-Channel

- › 25 ga, hemmed-edge
- › Width Top: 1-1/4"
- › Width Bottom: 2-9/16" to 2-11/16"
- › Depth: 7/8"

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Wood Stud Wall Assemblies



Framing: 2 x 4 Wood Stud, 16" o.c.
Insulation: 3-1/2" Fiberglass
Isolators: None
Mounting: None
Side 1: 5/8" Gypsum Board
Side 2: 5/8" Gypsum Board



Framing: 2 x 4 Wood Stud, 16" o.c.
Insulation: 3-1/2" Fiberglass
Isolators: REGUPOL sonusclip SC100
Mounting: Hat-Channel, 25 ga
Side 1: 5/8" Gypsum Board
Side 2: 5/8" Gypsum Board

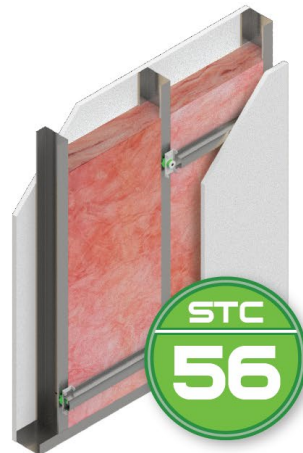


Framing: 2 x 4 Wood Stud, 16" o.c.
Insulation: 3-1/2" Fiberglass
Isolators: REGUPOL sonusclip SC100
Mounting: Hat-Channel, 25 ga
Side 1: 5/8" Gypsum Board
Side 2: 2 Layers 5/8" Gypsum Board

Steel Stud Wall Assemblies



Framing: 3-5/8" Steel Stud, 16" o.c.
Insulation: 3-1/2" Fiberglass
Isolators: None
Mounting: None
Side 1: 5/8" Gypsum Board
Side 2: 5/8" Gypsum Board



Framing: 3-5/8" Steel Stud, 16" o.c.
Insulation: 3-1/2" Fiberglass
Isolators: REGUPOL sonusclip SC100
Mounting: Hat-Channel, 25 ga
Side 1: 5/8" Gypsum Board
Side 2: 5/8" Gypsum Board



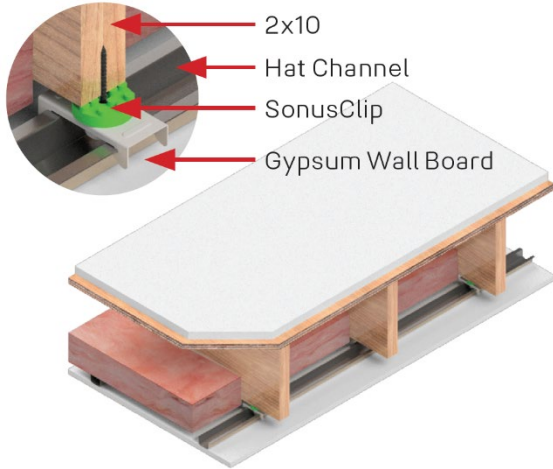
Framing: 3-5/8" Steel Stud, 16" o.c.
Insulation: 3-1/2" Fiberglass
Isolators: REGUPOL sonusclip SC100
Mounting: Hat-Channel, 25 ga
Side 1: 5/8" Gypsum Board
Side 2: 2 Layers 5/8" Gypsum Board

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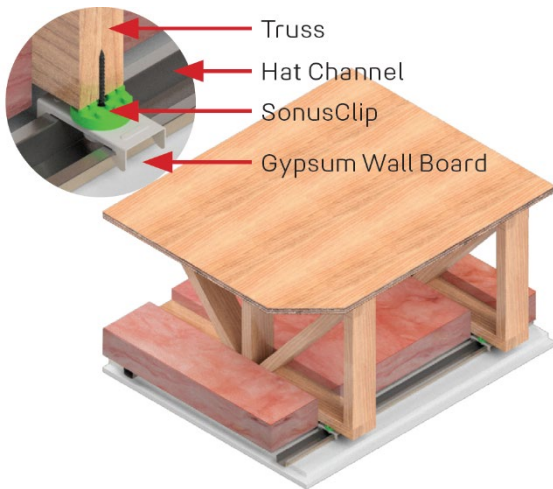
2 x 10 Wood Floor-Ceiling Assemblies



Floor Covering	Underlayment	STC	IIC
None	None	60	51
Hardwood	None	60	58
Hardwood	sonus core 3	59	58
Hardwood	sonus core 10	60	60
Tile	sonus core 5	61	55
Vinyl	None	61	55

- Floor:** 1" Gypsum Topping over 3/4" Plywood
- Framing:** 2 x 10, 16" o.c.
- Insulation:** 3-1/2" Fiberglass
- Isolation:** REGUPOL sonusclip SC100
- Mounting:** Hat-Chanel, 25 ga
- Ceiling:** 5/8" Gypsum Board

18" Open Web Floor-Ceiling Assemblies



Floor Covering	Underlayment	STC	IIC
Hardwood	None	60	53
Hardwood	sonus core 3	60	55
Hardwood	sonus core 5	60	55
Hardwood	sonus core 10	60	55
Tile	sonus core 5	60	58
Vinyl	None	60	53

- Floor:** 3/4" Plywood
- Framing:** 18" Open Web Truss, 24" o.c.
- Insulation:** 3-1/2" Fiberglass
- Isolation:** REGUPOL sonusclip SC100
- Mounting:** Hat-Chanel, 25 ga
- Ceiling:** 2 Layers 5/8" Gypsum Board

For additional test results, please contact us or visit our website and review the Test Reports section.

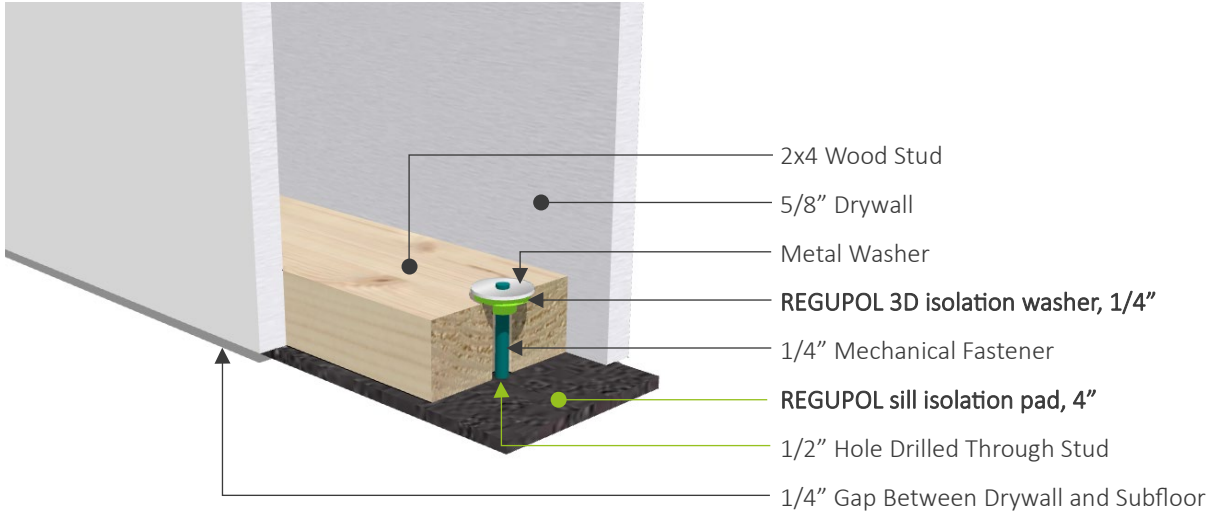
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Example Assembly

Wood Stud Decoupling



Accessories

REGUPOL
sonusclip DE90



REGUPOL
sill isolation pad



REGUPOL
3D isolation washer



REGUPOL
sonus core

