



# DEMAR

## Acoustic

# DEMAR SOUNDPROOF CLIP

## DM-series-1

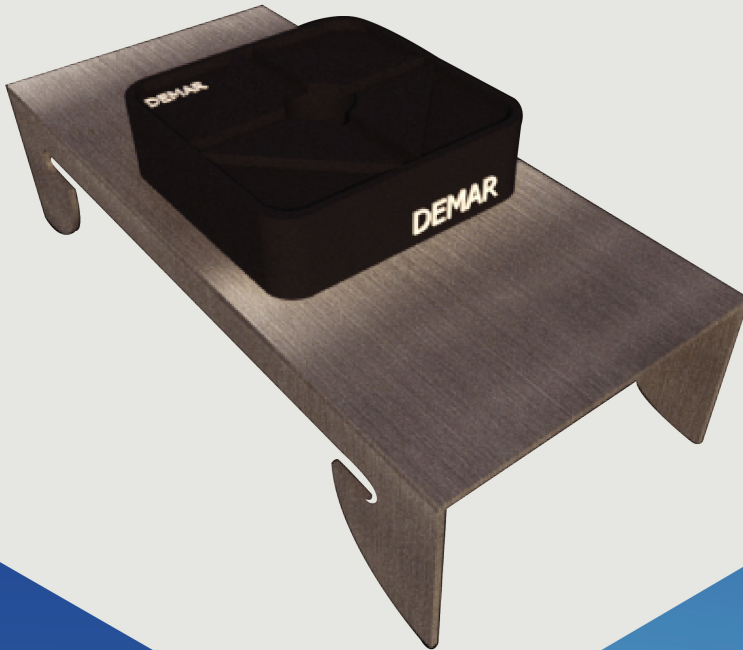
- Wall Installation
- Ceiling Installation
- Product Data Sheet



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## DEMAR CLIP : DM-series-1

เป็นผลิตภัณฑ์ที่ทำขึ้นเป็นพิเศษ  
เพื่อป้องกันเสียงและการสั่นสะเทือน

DEMARCLIP is a product that has been specially made to insulate sound and vibration.

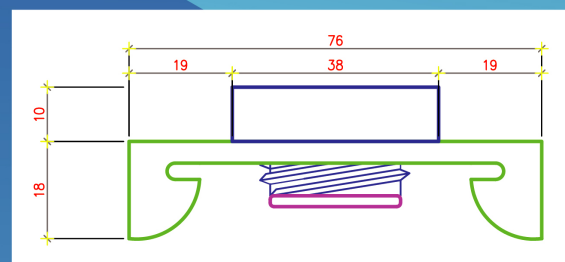
This kind of product widely used in the interior of rooms where special sound and vibration proofing is required in the United States and Europe.

### Difficult to deform

DEMARCLIP material is durable and strong with a thickness of 1 mm, which is difficult to deform.

### Easy installation

DEMARCLIP is designed to be compatible with most commonly available scaffolds in Thailand for easy assembly and installation.



DEMARCLIP ได้รับการออกแบบมาให้เข้ากับโครงโต๊ะอย่างลงตัว อีกทั้งยังมี ความหนาพิเศษและช่องว่างอากาศที่ทำให้ผลิตภัณฑ์มีคุณสมบัติเป็นฉนวนกันเสียงได้อย่างมีประสิทธิภาพ

DEMARCLIP is designed to fit perfectly with the frame. It also has a special thickness and air gap that makes the product effective in sound insulating properties.

## Industrial Grade Rubber

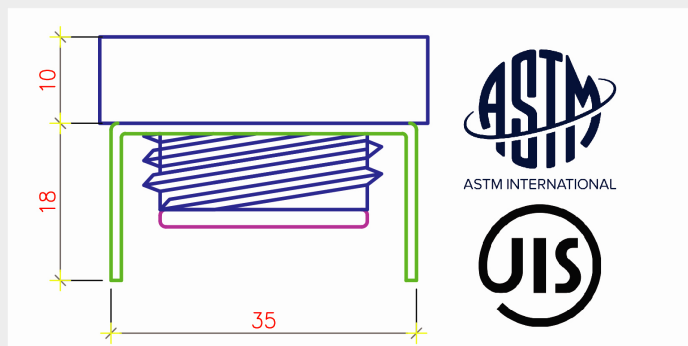
Industrial grade rubber that can withstand vibration very well, regularly be used in inverters and modern industries to prevent unwanted noise from vibration.

The manufacturing plant meets international standards and has an environmentally friendly production process.

### RUBBER TESTING (Original Properties)

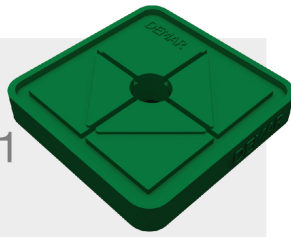
	Unit	Test method	Result
Specific gravity(Cure)	g/cm <sup>3</sup>	JIS K 6268	1.120
Hardness	Shore A	JIS K 6253	37
Tensile strength	kgf/cm <sup>3</sup>	JIS K 6251	83.89
Elongation at break	%	JIS K 6251	782.47
Modulus 300%	kgf/cm <sup>3</sup>	JIS K 6251	22.74

The rubber is designed to withstand shocks with a relatively large width and the end of the tire is designed to be threaded for easy installation. There is supporter inside the rubber core that prevents the rubber from touching the nail directly, which makes the rubber be unable shrink, resulting in a longer service life.





**DEMAR CLIP**  
 Model : DM-series-1  
 STC 64



**DEMARCLIP Specifications**

Width	35 mm
Height	28 mm
Length	75 mm
Weight	75 gram
Max Spacing on Furring Channel	60 cm
Max Acoustic Design Load	16 kg

**Drywall Furring Channel Specifications**  
 (Hat Channel)

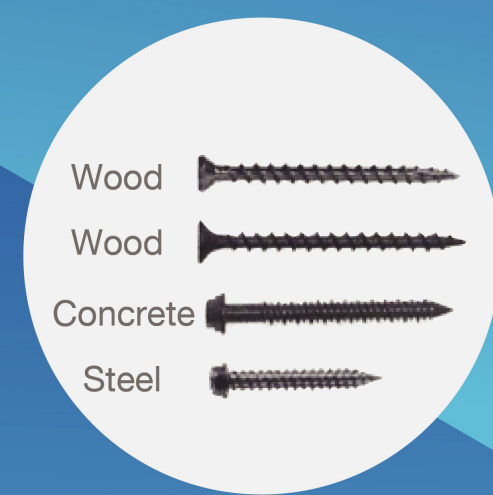
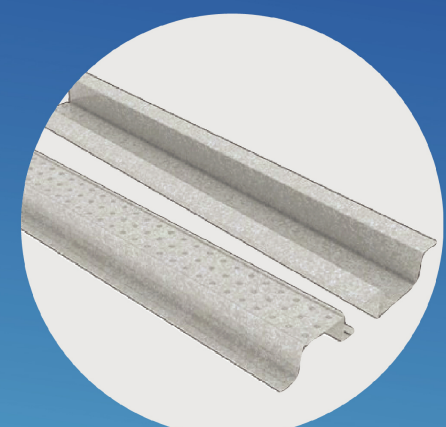
Material thickness	0.5 mm
Width min at base	60 mm
Width max recommended at base	61 mm
Width at top	30 mm
Height standard	25 mm
Max Clip Spacing on Furring Channel	60 cm
Max Acoustic Design Load per Clip	16 kg

**Fasteners for Wood Steel or Concrete**

Wood	#8×2½" Coarse Thread
Steel	#8×1⅝" Fine Thread, Type S
Concrete	¼"x 2¼" Long Anchors screw

**NOTES**

- Use fasteners that will have a minimum of 120 lbs pull out or shear strength in the wood, steel or concrete substrate.
- Tighten fasteners until they come into solid contact with the top washer on the GenieClip RST. For best acoustic results DO NOT OVER TIGHTEN



**Color**

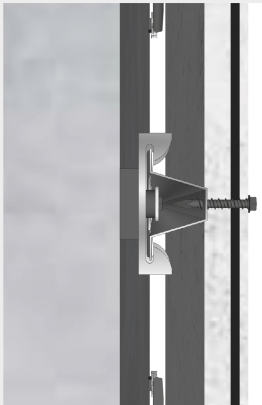


**DM-series-1**

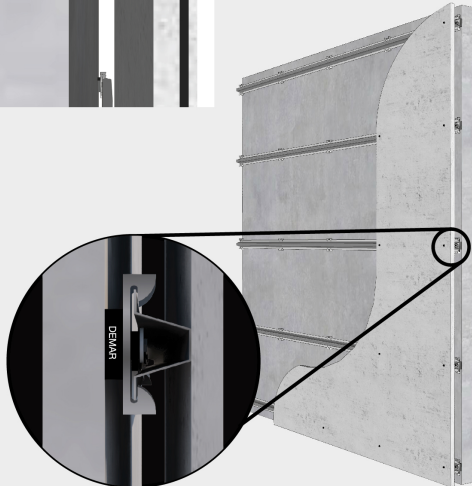
## Wall Installation Guide

DEMARCLIP shall not exceed 60 cm on center. (horizontal)

- Spacing between the furring channels (hat channel) shall not exceed 60 cm. Furring channels are installed perpendicular to the studs.
- Fasten all DEMARCLIP to the substrate with a fastener approved for a minimum pull out and shear of 120 lbs.
- Tighten fasteners until they come into solid contact with the top washer on the DEMARCLIP. For best acoustic results **DO NOT OVER TIGHTEN**.
- Install all other rows of furring channel ensuring maximum spacing between rows does not exceed 60 cm.
- Add additional short rows of furring channel and clips to pick up drywall edges around doors and windows as needed.
- After that, install the finishing as appropriate.



**NOTE** It is impossible to "short circuit" the DEMARCLIP System when the correct screws are used. Should the installer hit a clip location, they will not be able to 'seat' the screw. They will be forced to move left or right on the track away from the DEMARCLIP.



## Ceiling Installation Guide

DEMARCLIP shall not exceed 60 cm on center. (horizontal)

- Spacing between the furring channels (hat channel) shall not exceed 60 cm. Furring channels are installed perpendicular to the studs.
- Fasten all DEMARCLIP to the substrate with a fastener approved for a minimum pull out and shear of 120 lbs.
- Tighten fasteners until they come into solid contact with the top washer on the DEMARCLIP. For best acoustic results **DO NOT OVER TIGHTEN**.
- Install all other rows of furring channel ensuring maximum spacing between rows does not exceed 60 cm.
- Add additional short rows of furring channel and clips to pick up drywall edges around doors and windows as needed.
- After that, install the finishing as appropriate.



## General Information

- DEMARCLIP and gypsum board shall not carry heavy point loads such as cabinets or book shelves.
- 5 mm Furring channel must have flatted edge. Splice furring channel in mid span between clips with 15 cm overlap, securing with 5 mm. wire or 6 cm framing screws.
- For best acoustic results seal all potential air leaks with non hardening acoustic caulking. Use fire rated caulk where required. Resilient putty pads should be used to seal back of outlet boxes along with acoustic caulk.
- Steel studs shall be a minimum of 4 mm.



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