

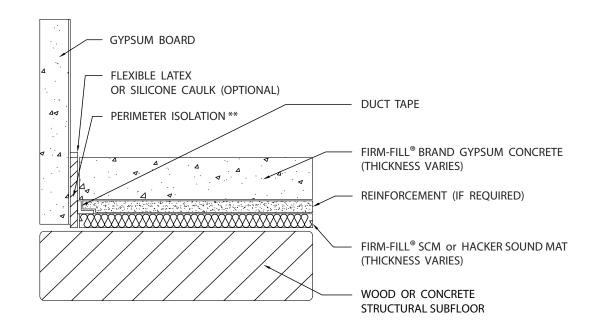
Recommended Minimum Thickness of FIRM-FILL® Brand Gypsum Concrete Over Sound Mat REFERENCE: TECHNICAL BULLETIN #1001

GENERAL NOTES

- 1. Perimeter isolation must be used on all systems.
- 2. Subfloor needs to be structurally sound (L/360), clean, and free of all contaminants.
- 3. When required, install bulkheads in areas where sound mat stops and meets the carpet and pad areas.
- Install sound mat as per manufacturer's recommendations.
- Protect sound mat from all trade traffic prior to installation of the FIRM-FILL[®] brand Gypsum Concrete.
- Do not install sound mat prior to the installation of drywall. Protect all areas from any wheeled loads, especially in hallways.
- 7. *Requires Reinforcement
- 8. **Perimeter Isolation is a closed cell foam placed at walls. Thickness as specified by an acoustical engineer in accordance with a fire-rated design.
- 9. For acoustical mats not listed please contact Hacker Industries. Inc.

Note

Some installation methods and components are not referenced. Please consult all approved resources to ensure a complete assembly.



SOUND MAT DEPTH CHART

	Mat Thickness	FIRM-FILL® Brand Gypsum Concrete Thickness
FIRM-FILL® SCM 125	1/8" (3mm)	3/4" (19mm)
FIRM-FILL® SCM 250	1/4" (6mm)	1" (25mm)
FIRM-FILL® SCM 400	3/8" (10mm)	1-1/4" (32mm)
FIRM-FILL® SCM 750	3/4" (19mm)	1-1/2" (38mm)*
Hacker Sound Mat I	.08" (2mm)	3/4" (19mm)
Hacker Sound Mat II	1/4" (6mm)	1-1/4" (32mm)