



Sound-Damping Drywall

Sound-damped gypsum panels for walls and ceilings

INDICATIVE DATA — please contact us directly for the manufacturer's spec sheet for your specific order: 718-386-6119 · inquiry@dmlumber.com

Gypsum panels with a sound-damping core (gypsum laminated with a viscoelastic polymer). They install and finish like standard paper-faced gypsum board, and the damping keeps working when shelves or cabinets are fixed to the wall.

Range

Panel	Thickness	Width x length	Weight (approx.)
Standard	1/2" (12.7 mm)	4' x 8' to 12'	2.1 lb/ft ²
High-impact (shear and impact rated)	5/8" (15.9 mm)	4' x 8', 9', 10', 12'	2.9 lb/ft ²
Score-and-snap, Type X	5/8" (15.9 mm)	4' x 8', 9', 10', 12'	2.6 lb/ft ²
Score-and-snap, Type X, mold-resistant	5/8" (15.9 mm)	4' x 8', 9', 10', 12'	2.6 lb/ft ²
RF-shielding (steel sheet in the core)	5/8" (15.9 mm)	4' x 8', 9', 10', 12'	2.9 lb/ft ²
Multi-layer, low-frequency	1-3/8" (34.9 mm)	4' x 8' only	6.3 lb/ft ²

All panels: 48" wide, tapered edges. Other lengths may be available on special order.

Performance

Property	Test method	Result
Manufacture	ASTM C1396	All panels (score-and-snap panels also ASTM C1766)
Surface burning	ASTM E84	Class A (flame spread 10-15, smoke developed 0-20)
Combustibility	ASTM E136	Non-combustible gypsum core
Fire resistance	UL	UL certified for fire-resistance-rated assemblies; the multi-layer panel reaches 2 hours with a single layer in certain wall systems
Shear	ASTM E72	High-impact and RF-shielding panels: up to 823 lb/ft average ultimate shear load
Abuse resistance	ASTM C1629	High-impact and RF-shielding: Level 3 soft body and hard body. Score-and-snap: surface abrasion Level 2, soft body Level 1, hard body Level 2
Mold resistance	ASTM D3273	Mold-resistant panel: 10 (highest score)
RF shielding	IEEE-STD-299	RF-shielding panel, as part of a complete shielding system with matching seam and tape products

Sound ratings: STC depends on the whole assembly; tell us yours and we will send the tested ratings. **Installation:** ASTM C840, GA-214 / GA-216. Standard and score-and-snap panels score and snap; high-impact, RF-shielding and multi-layer panels are cut with a saw.