

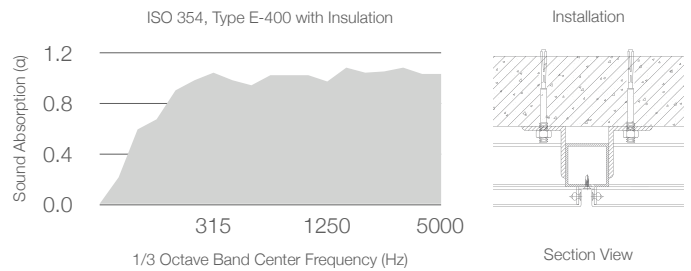


Alüm™ Data Center Wall System



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Alüm™ Data Center Wall System acoustic panels offer a fire-rated aluminum-based solution designed specifically for data centers. With superior noise reduction and thermal performance, Alüm™ panels help maintain a quiet, temperature-controlled environment essential for hardware longevity.



Technical Specifications

Structure	Flat Panel, 50 x 50 x 2mm Square Hollow, Steel L Bracket
Material	1100 Aluminium Alloy
Finishing	Powder Coating, PVDF Powder Coating, PVDF Paint, Veneer Print
Maximum Size	1400 x 4000mm
Panel Thickness	0.5mm - 3mm
Perforation Pattern 1	V 5/2.5/1.8 (Open Area: 20.35%)
Perforation Pattern 2	E 5/5/2.5 (Open Area: 19.63%)
Perforation Pattern 3	E 8/8/3 (Open Area: 11.04%)
Antimicrobial	JIS Z 2801 = Pass
Fire Classification	EN 13501-1 = Class B s1, d0
LEED Certification	Minimum Acoustic Performance
Acoustic Test Configuration	Perforation 5/5/2.5 with Insulation & Air Gap
Weighted Absorption (α _w)	ISO 11654 = 1.00, Class A
Noise Reduction Coefficient (NRC)	ASTM C423 = 1.00