

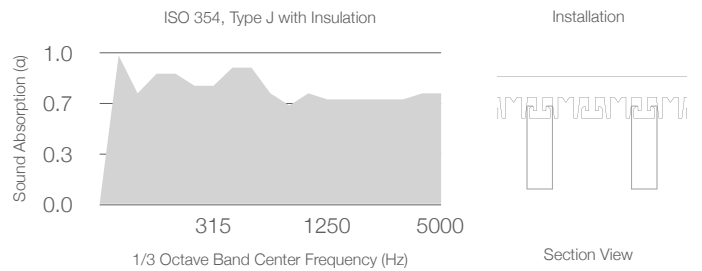


Alüm™ Data Center Baffle System



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Alüm™ Data Center Baffle 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	Baffle, 38mmH Main Carrier, Hanger of 38mmH Main Carrier, 25mmH Common Hanger, End Cap, Connector
Material	1100 Aluminium Alloy
Finishing	Powder Coating, PVDF Powder Coating, PVDF Paint, Veneer Print
Edge Detail	End Caps or Baffle Joiner
Baffle Width	25mm, 50mm, 75mm, 100mm
Baffle Height	50mm, 100mm, 150mm, 200mm, 250mm, 300mm
Baffle Thickness	0.8mm - 1.0mm
Baffle Spacing	Adjustable
Perforation Pattern	V 5/2.5/1.8, E 5/5/2.5, E 8/8/3
Open Area	20.35%, 19.63%, 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
Weighted Absorption (αw)	ISO 11654 = 0.78, Class C
Noise Reduction Coefficient (NRC)	ASTM C243 = 0.78