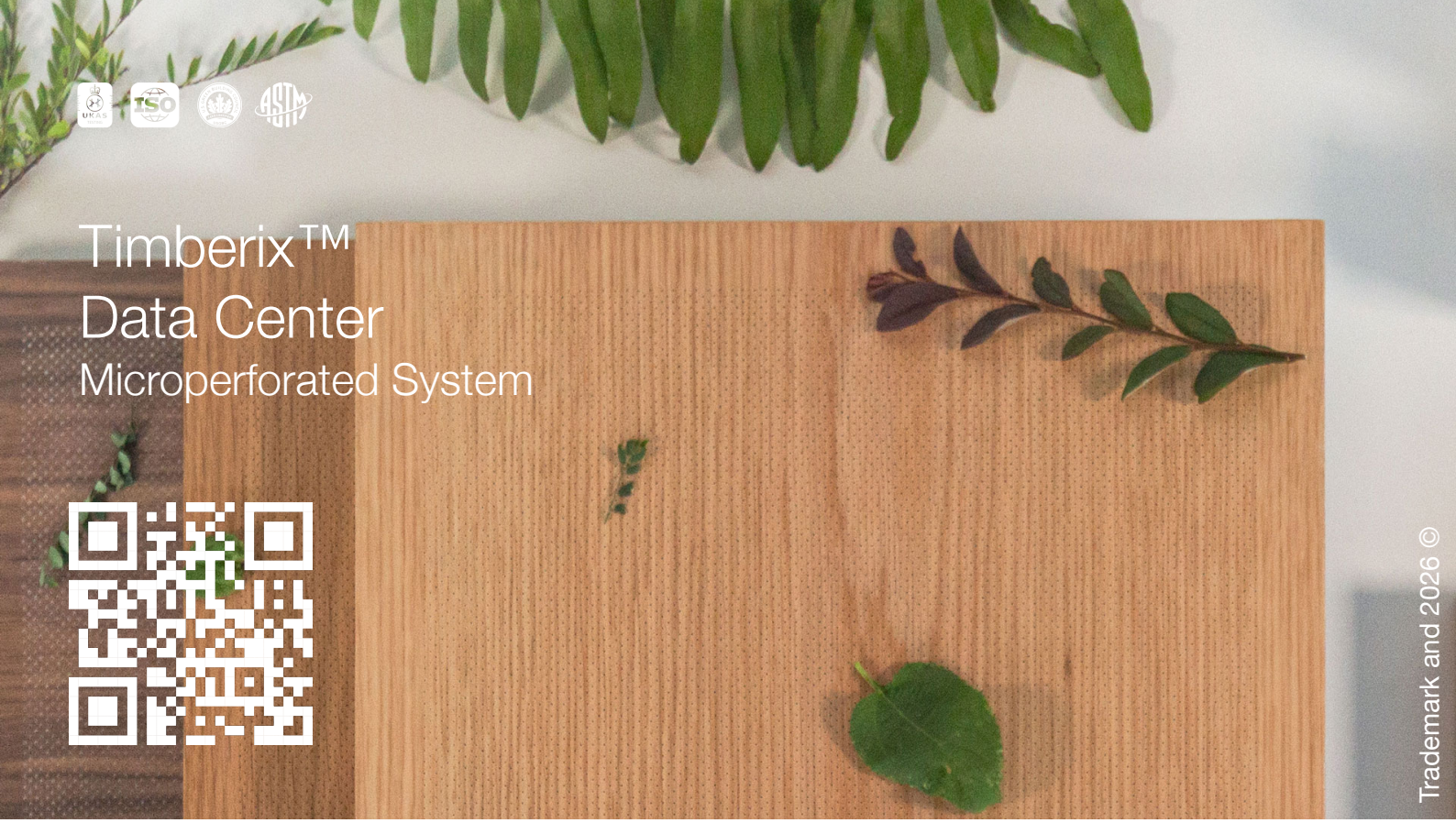
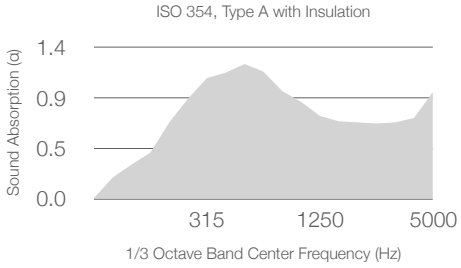
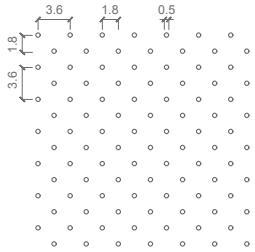


Timberix™ Data Center

Microperforated System

Timberix™ Microperforated panel is made with a 2-layer perforation structure, which traps and diffracts sound in the holes. The sound that passes through the perforation is further absorbed by an acoustic substrate such as fibreglass or mineral wool, which reduces reverberation in the room.





Technical Specifications

Structure	Core, Surface Finish, Backing
Core	E1 MDF, FR MDF, Black MDF, MgO
Surface Finish	Melamine, PVC, Veneer, Paint
Standard Dimension	600mm x 600mm, 600mm x 1200mm, 1200mm x 2400mm
Standard Thickness	15mm
Distances Between Two Holes	3.6/1.8mm
Diameter Of Holes	0.5mm
Standard Pattern	3.6/1.8/0.5mm (V)
Open Area	3.03%
Edge Banding	None, PVC, ABS
Formaldehyde Emission	EN 13986 = E1
Fire Classification	EN 13501-1 = Class B s1, d0 ASTM E84-23 = Class A
Acoustic Test Configuration	Microperforated V 3.6/1.8/0.5 with Insulation
Weighted Absorption (αw)	ISO 11654 = 0.60 (LM), Class C
Noise Reduction Coefficient (NRC)	ASTM C423 = 0.90
LEED Certification	Low-Emitting Products

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