



Wall Test Laboratory P6

with suppressed flanking transmission

Measurement	Sound insulation, normalized flanking impact sound level, normalized flanking level difference
Standard	DIN EN ISO 10140, DIN EN 1793-2, DIN EN ISO 10848
Measuring objects	Walls, movable walls, glass partitions, noise barriers, lightweight walls cavities, access floors, roofs
Technical data	
Room volume	51 m ³ und 63 m ³
Entrance doors (H x B)	1,99 m x 0,82 m und 2,06 m x 1,93 m
Dimensions of test opening (H x B)	2,93 m x 3,67 m
Test surface area	10,75 m ²
Max. sound reduction (related to the max. size of test sample)	$R_{\max,w} = 77$ dB

More information

- Suppression of flanking transmission by additional lining in front of the flanking walls, of the ceiling and the rear wall of the receiving room.
- Maximum sound insulation of a massive wall (mass per unit area $m'' = 496$ kg/m²) with additional lining on both sides ($R_{\max,w} \geq 75$ dB) and lightweight wall and additional lining ($R_{\max,w} \geq 77$ dB)
- Halved-rails for quick and easy installation of movable wall systems
- Pneumatically movable loudspeaker in the source room.
- Compressed air and electric power available.

Vertical and horizontal section of the test facility (dimensions in cm)

