

# Acoustic Performance – Movable Walls vs Solid Construction

Rw dB Rating	Perceived Performance	Movable Wall Type	Solid Wall Equivalent	Real-Life Meaning
37–42 dB	Basic sound reduction	Entry-level sliding panels	Timber stud (no insulation)	Some speech audible, little privacy
43–48 dB	Moderate privacy	Mid-range partition systems	Lightweight solid partitions	Muffled speech, not great for confidential use
49–52 dB	Good speech privacy	High-spec movable wall	Standard masonry/block wall	Conversation not intelligible. Private and effective.
53–56 dB	High speech insulation	Premium acoustic walls	Dense block + insulation	Very little sound transfer, high performance
57–59 dB	Near soundproof	Specialist acoustic systems	Concrete / studio-grade	Music or loud voices barely heard, used in studios