

MODUWALL System â Technical Data Sheet

Operable and glass partition systems for commercial interiors. All dimensions in mm unless stated. Intermediate data sheet for project specification â refer to the project drawing set for site-specific values.

1. System overview

System	Configuration	Max height	Panel weight	Acoustic rating
NW831	Single panel, manual	6000	â 85 kg	Rw 40 dB
NW840	Folding, manual/motorized	9000	â 120 kg	Rw 45 dB
NW840-W	Motorized, heavy duty	12000	â 140 kg	Rw 48 dB
NG840	Glass, manual/motorized	3600	â 95 kg	Rw 44 dB
NWXX-16	Extra-high, top hung	16540	â 160 kg	Rw 45 dB

2. Materials and finish

Panel core: high-density acoustic fibre board with steel perimeter frame. Face finish: melamine laminate, fabric laminate or veneer. Track: extruded aluminium 6063-T5, top mounted on steel angle brackets. Seals: EPDM compression seals, top and bottom retractable.

3. Acoustic performance

Ratings are laboratory measured to BS EN ISO 10140-2 and rated to BS EN ISO 717-1. On-site performance typically achieves 3-5 dB below laboratory rating depending on junction detailing and site workmanship.

4. Operation

Panels travel on a single top track with no floor rails. Each panel is fitted with a retractable top and bottom seal actuated by a single lever or a motorised actuator. Stacking pockets must be coordinated with the structural engineer.

5. Ordering information

Provide: opening width and height, required Rw rating, finish selection, stacking arrangement and stacking pocket dimensions, ceiling construction detail, and any special requirements (fire rating, high-traffic hardware, motorisation).