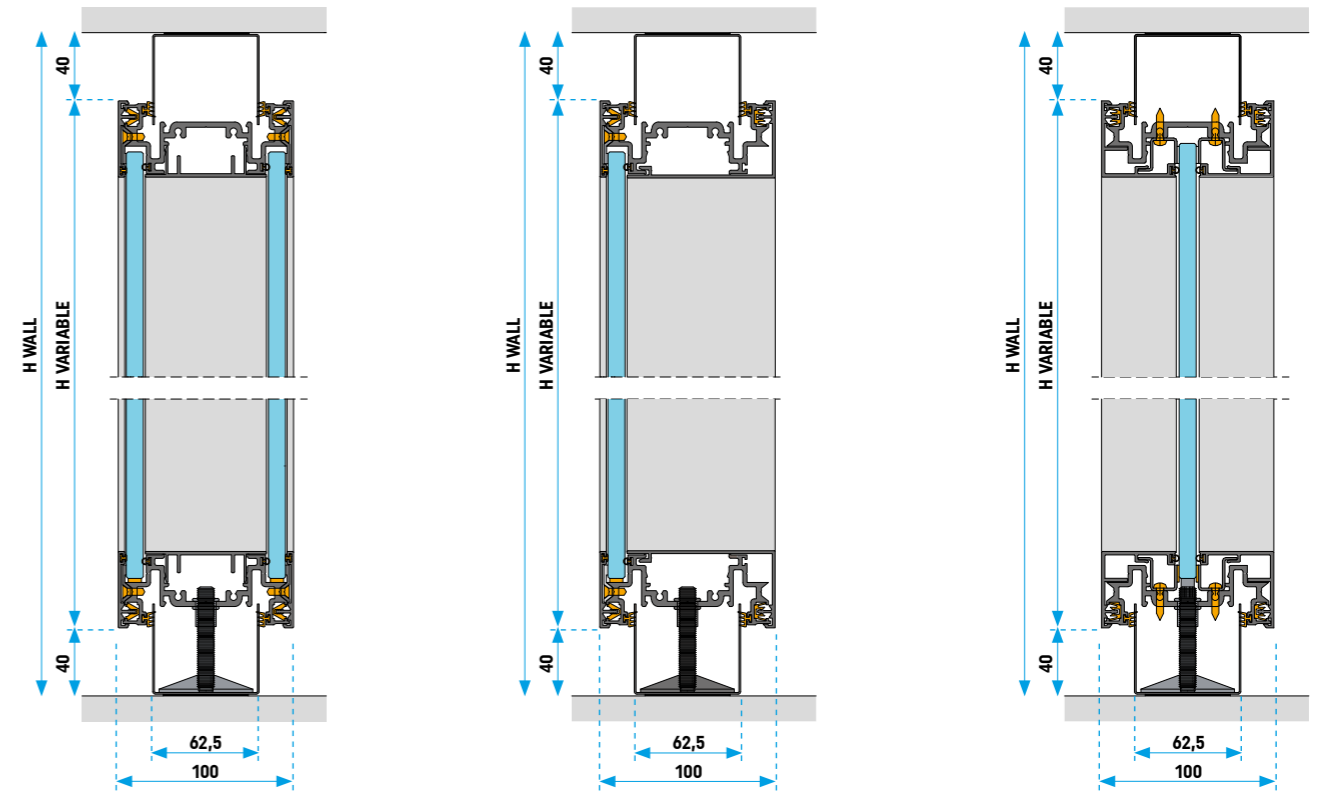




DOUBLE GLASS WALL SYSTEM WITH CONTINUOUS SURFACE



The **DUO** partition system is made of seamless glass panels, single or double, framed in aluminum and steel structure, self-bearing, with independent construction components, and is fitted with polycarbonate sealing joints. These walls secure an excellent acoustic performance and ensure clear-cut aesthetics, with the vertical and horizontal profiles on the perimeter connections.

The vast range of alternatives offered: a wall with double glass, single offset glass, single-center glass for horizontal floor and ceiling-mounted profiles allows the best possible solution for all types of projects, with perfect compensation to the unavoidable deflection of floor and ceiling. The supporting mainframe, glass holder, is made of pre-treated first-grade aluminum, with the horizontal member sitting on a floor channel made of pre-coated steel 10/10 and supported by adjustable glides that secure the proper leveling on the floor by telescopic action. Glass panels are fitted in place, both sides, and are secured to the mainframe with fixing plates. Each element is made to measure according to the needs of the construction site.

The vertical joints connecting the modules and those on the corners, all in rigid transparent extruded polycarbonate, are fitted with a double strip of the double-sided adhesive tape to enable the secure fixture to the panel elements. This joining system significantly improves structural stability and resistance to horizontal stress.

TECHNICAL SPECIFICATIONS

Wall thickness	100 mm
Maximum height	3000 mm for full height glass panel 4000 mm with joined glass and cross member
Width of modules	da 300 mm a 1500 mm
Average weight	53 Kos. Per sq. meter
Floor shadow line	10 - 40 mm
Ceiling shadow line	10 - 40 mm
Wall starting recess	15 mm
Polycarbonate joiners	4 mm
Glass thickness (toughened)	10 mm
Laminated glass thickness	5+5 mm con PVB 0,38 mm
Acoustic laminated glass thickness	5+5 mm con PVB 0,76 mm
Toughened glass for door	12 mm double glass 6 mm
Solid and double door leaf	45 mm
Acoustic performance (noise reduction)	41 dB with double glass 10 mm 46 dB with acoustic double glass 10.76 mm
Acoustic performance for pivot door	37 dB for double glass 6 mm
Floor/ceiling adjustment	+/- 10 mm
Side/wall adjustment	+/- 10 mm

CERTIFICATIONS

SOUNDPROOFING
OF A GLASS PANEL
AND DOOR
37 DB

SOUNDPROOFING
TOUGHENED GLASS
41 DB

SOUNDPROOFING
LAMINATED GLASS
THICKNESS
46 DB

IMPACT
TEST