

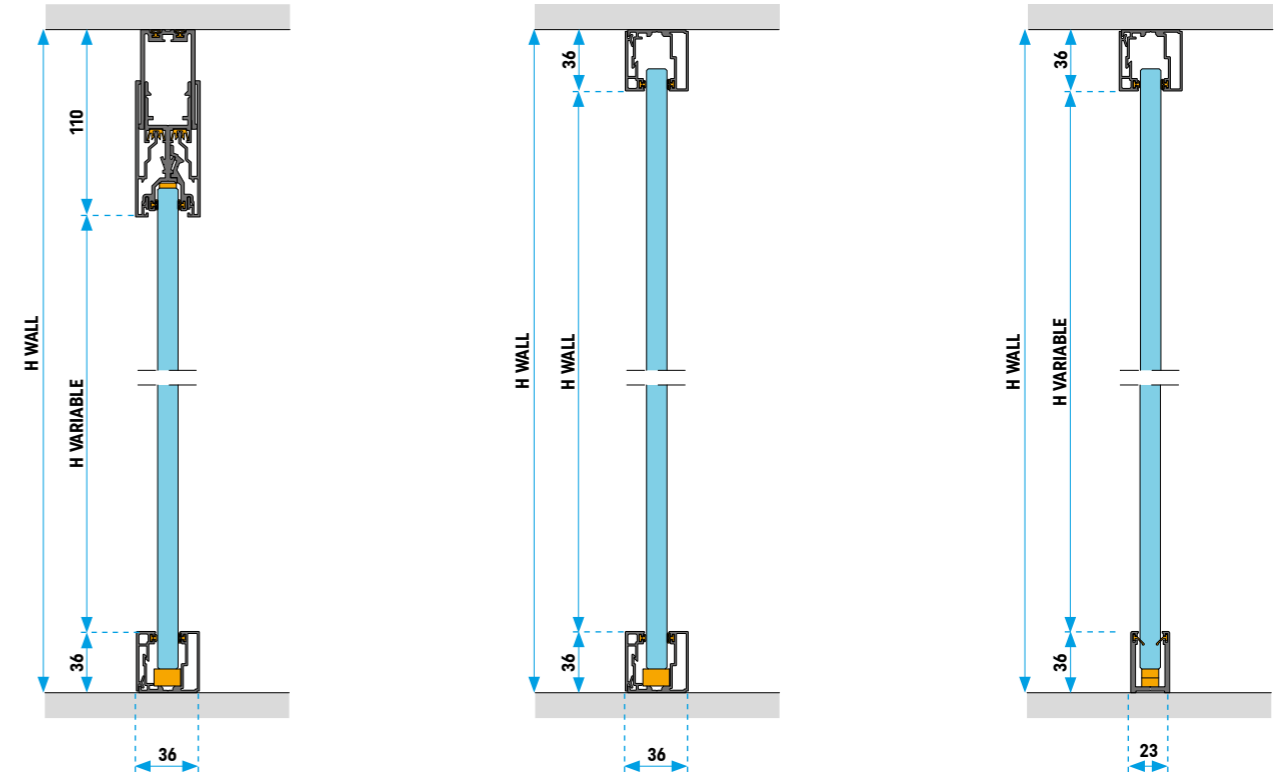
# NEXUS

SINGLE GLASS OF 10 OR 12 MM THICK  
 ARTICULATED PROFILES OF PRETREATED EXTRUDED ALUMINUM  
 SEALING WITH TRANSPARENT SEMI-RIGID EXTRUDED POLYCARBONATE PROFILES



## SINGLE GLASS WALL SYSTEM WITH CONTINUOUS SURFACE

# NEXUS



**NEXUS** partition system is made of single seamless glass panels, framed in aluminum structure, self-bearing, with independent construction components, fitted with polycarbonate sealing joints. These walls secure a good acoustic performance and provide satisfactory clear-cut aesthetics, with the vertical and horizontal profiles on the perimeter connections. The structural framing of NEXUS system is available with two alternatives of ceiling channels, a simple 36 mm. profile, or an adjustable telescopic track, ceiling-mounted, with a range of +18/-28 mm. to compensate for the deflection of floors and ceilings. The supporting glass holder is made of pre-treated first-grade aluminum. NEXUS system doesn't provide upper adjustment or side panels adjustments. 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	36 mm
Maximum height	3000 mm for full height glass panel
Width of modules	300 to 1500 mm
Average weight	31 Kos. Per sq. meter
Telescopic ceiling track	110 mm (+18/-28)
Simple ceiling track	36 mm
Floor track / Wall starter	36 mm
Polycarbonate joiners	4 mm
Glass thickness ( toughened )	10 mm 12 mm
Laminated glass thickness	5+5 mm with PVB 0,38 mm 6+6 mm with PVB 0,38 mm
Acoustic laminated glass thickness	6+6 mm with PVB 0,76 mm
Toughened glass for door	12 mm
Solid and double door leaf	45 mm
Acoustic performance for partition	37 dB with single glass laminated 6+6 mm with acoustic PVB 0,76mm
Acoustic performance for sliding door	31 dB with single glass laminated and tempered 6+6 mm with acoustic PVB 0,76mm
Ceiling adjustment	+18/-28 mm with telescopic track
Side/wall adjustment	+/- 10 mm

### CERTIFICATIONS

SOUNDPROOFING  
 OF A GLASS PANEL  
 AND SLIDING DOOR  
 31 DB

SOUNDPROOFING  
 OF A GLASS PANEL  
 37 DB

IMPACT  
 TEST