

Smart 50

A dynamic and lightweight partition wall

asset

space becomes place

THICKNESS

50mm

FRAME

Extruded aluminium.

FINISHES

View p 88.

**PANELLING****M50**

single laminated glazing 5+5mm or 6+6mm, with acoustic PVB film.

D50

double laminated glazing 5+5mm or 6+6mm, with acoustic PVB film.

SOLID**ACOUSTIC PERFORMANCE**

33-44dB

Smart 50

M50 | D50

A DYNAMIC AND LIGHTWEIGHT PARTITION WALL

Smart 50 is an elegant partition system with a slim profile of 50mm, that can accept both single and double panels, glazed or solid. Multiple, functional and flexible, with numerous options for materials and finishes, Smart 50 is the answer to the increasing demand for privacy in office spaces.

All elements are innovatively integrated in the construction, resulting in an uncompromising interplay of clean lines.

Almost complete transparency is achieved in both single (M50) and double (D50) glazed versions.

Variable privacy solutions, ranging from partial to complete screening, can be achieved by treating the glass surface or by using solid panels.

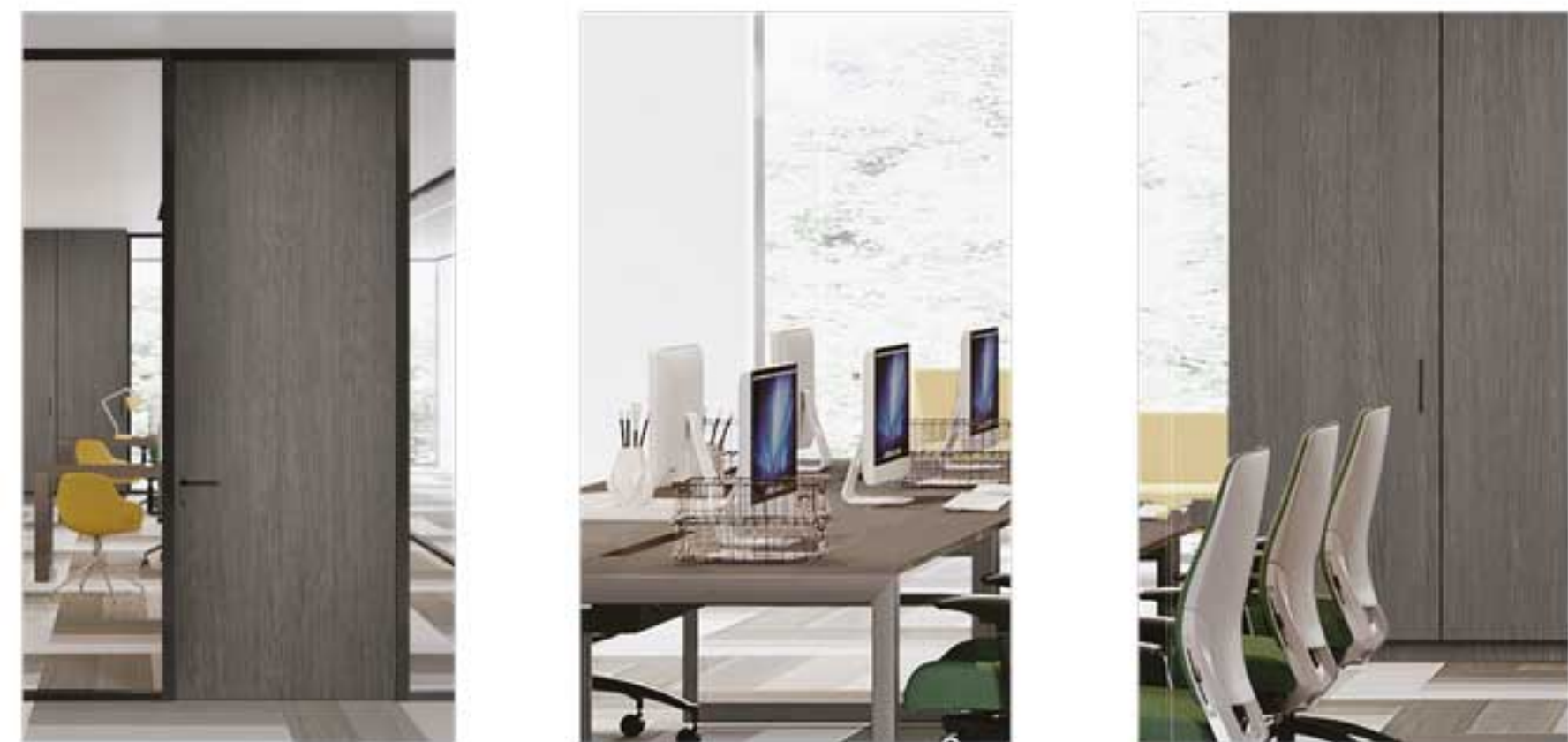
Thanks to the combination of single and double panels, glazed or solid, the system provides the necessary comfort in the workspace.





Uniformity

CHOOSE THE COLOR PALETTE OF YOUR SPACE AND REALIZE IT EVEN ON YOUR PARTITION PROFILE.



DOORS, WORKTOPS & CABINETS

A COMMON FINISH CAN BE USED FOR ALL SOLID SURFACES.





Design & Flexibility

The flexibility of the system allows the **customization** of the panels in terms of **dimensions**, as well as **shapes and finishes**.



Decorative films help to achieve privacy, without totally losing visual contact and light intrusion.

ADVANCED AESTHETICS

TECHNICAL DETAILS

→ Smart 50

M50 | D50



FRAME

Total system width: 50mm

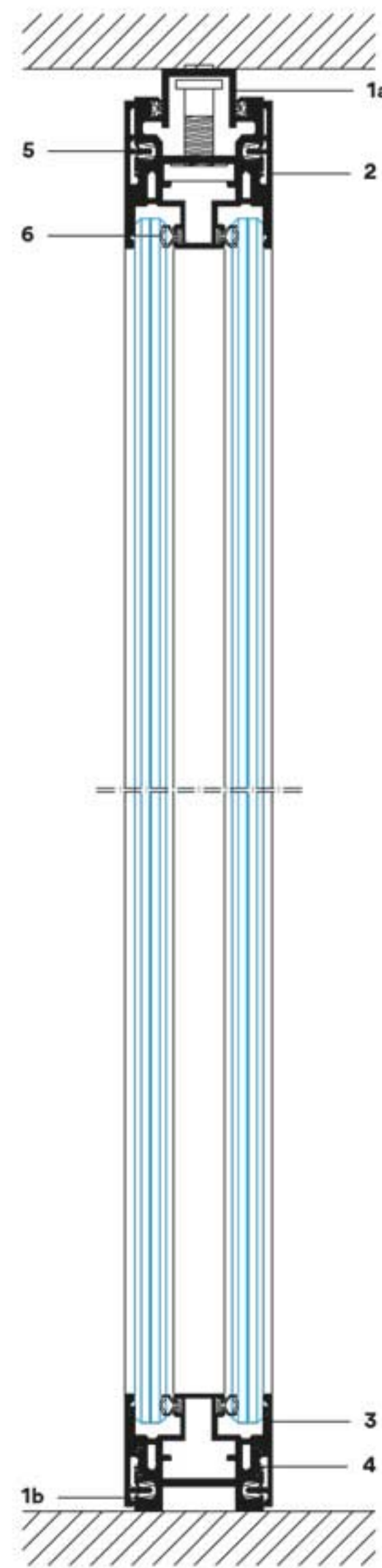
The partition frame is made from extruded aluminium slim profiles 50mm X h 40/51mm. Consists of upper (1a) and lower (1b) crossbars fixed on the floor and ceiling and vertical uprights ensuring the stability of glazed panels.

A telescopic abutment (2) is integrated to the frame, compensating for both positive and negative height and length differences. The lower frame (3) integrates levelling regulators (4) to compensate for possible unevenness or height differences.

Soft PVC gaskets are placed along the whole partition perimeter, to guarantee acoustic sealing.

Glazing units are installed into the frame and are held in place by self-locking clip-on bead profiles (5) which integrate a PVC sealant (6) offering great ease of assembly, with non visible connection elements.

Glass junctions are 6mm wide H-shaped profiles, either in aluminium or in translucent polycarbonate.



PANELLING

- **M50**
Single laminated glazing, 5+5mm or 6+6mm with intermediate acoustic PVB film (0.38mm / 0.50mm / 0.76mm).
- **D50**
Double laminated glazing, 5+5mm or 6+6mm with intermediate acoustic PVB film (0.38mm / 0.50mm / 0.76mm).
- **Solid**
Panels consisting of 2 compact 16mm/18mm/22mm thick-side panels with either melamine or veneer finish.

A DYNAMIC AND LIGHTWEIGHT PARTITION WALL



ACOUSTIC PERFORMANCE

- **33-37dB**
M50 | Single glazed partition with laminated glazed panels 5+5mm or 6+6mm with acoustic PVB film (0.38mm / 0.50mm).
- **42dB**
D50 | Double glazed partition with two (2) laminated glazed panels (5mm+acoustic PVB 0.50mm+5mm).
- **43dB**
D50 | Solid partitions with two (2) compact 16mm thick-side panels and sound insulation filling.
- **44dB**
D50 | Double glazed partition with two (2) laminated glazed panels (6mm+acoustic PVB 0.76mm+6mm).



DOORS

- **Single glazed door**
Tempered glass panel 10mm, hinged or sliding.
- **Double glazed door**
Two (2) tempered glass panels 6mm & 6mm, hinged or sliding.
- **Solid door**
40mm thickness, hinged or sliding.
50mm thickness, hinged or sliding.

FOR DOOR DETAILS & SPECIFICATIONS REFER TO PAGE 76.



