

**Smart 85**  
Robust and elegant

**asset**  
space becomes place

**THICKNESS**

85mm

**FRAME**

Extruded aluminium.

**FINISHES**

View p 88.

**PANELLING****M85**

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

**D85**

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

**SOLID****ACOUSTIC PERFORMANCE**

33-49dB

# Smart 85

M85 | D85 | T85 | ECO D85

ROBUST AND ELEGANT

Smart 85 is a high performance partition system that offers the transparency of a glazed system, along with high mechanical and soundproofing performance.

Especially designed and developed for spaces where unhindered visual contact coexists with the functional requirements for high level sound-isolation, cable management, integration of screens or other multimedia devices in the partition structure.

An extensive range of solid and glazed panels, makes it possible to create settings that meet client's every need in terms of visual and acoustic privacy. The possibility of varying the transparency of the glass, either by treating the glass surface or inserting blinds between the glazed panels, allows the moderation of daylight and visual contact in the interior spaces.





EXCEEDING  
THE ORDINARY PRACTICE



D85 PARTITION WALL WITH  
LACQUERED GLAZED  
PANELS AND PROFILES  
IN COMMON RAL FINISH.

STRIKINGLY SIMPLE  
YET STYLISH



ADVANCED AESTHETICS THROUGH  
UNCONVENTIONAL FINISHES.

# LUST FOR BRONZE

UNPRECEDENT AESTHETICS

FINISHES

- 1 Rovere Tabacco
- 2 Rovere Naturale
- 3 Rovere Speart
- 4 Rovere Antracite

# Natural wood veneer



Profoundly Innovative







# OFF

TOTAL TRANSPARENCY



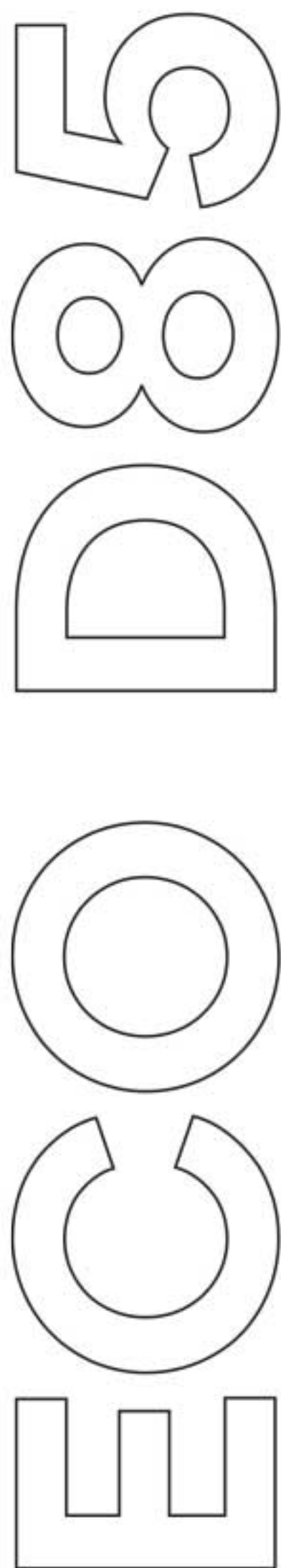
Polarized glass panels can be placed on either one or both sides of the partition to control the privacy levels of the space.

Users can easily interchange between complete transparency or visual isolation according to the specific need and use of the space.

# ON

ABSOLUTE PRIVACY





## TOO LOW TO BE TRUE

Without sacrificing structural performance and thanks to its lower in height minimal frame of 25mm, ECO D85 is the visually lightest partition system.





25mm

SO LOW  
YET SO STRONG

# TECHNICAL DETAILS

## → Smart 85

M85 | D85 | T85 | ECO D85



### FRAME

#### Total system width: 85mm

The partition frame is made from extruded aluminium slim profiles 85mm X h 41mm and 85mm X h 25mm for Eco D85.

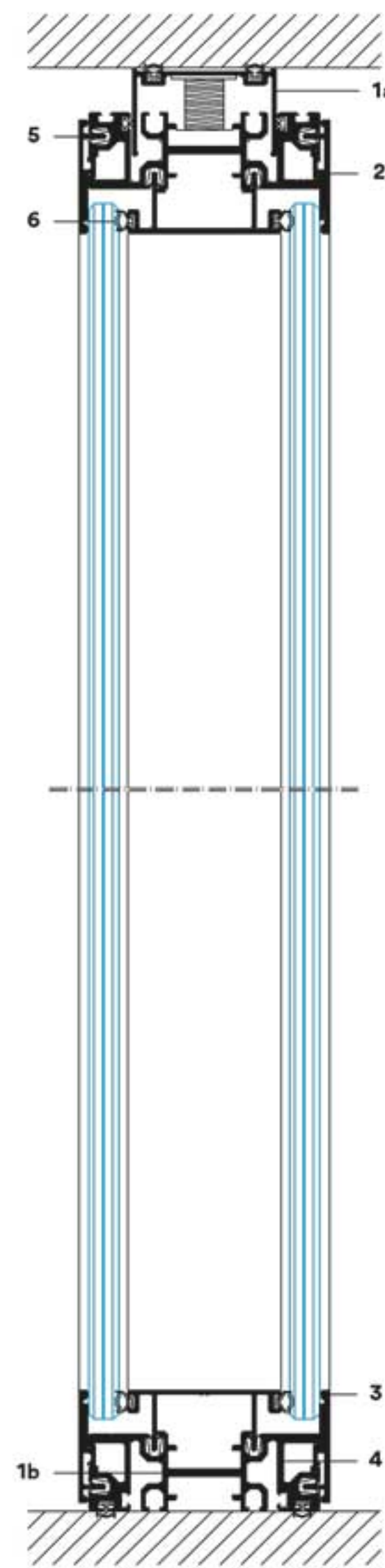
Consists of upper (1a) and lower (1b) crossbars fixed on the floor and ceiling and vertical uprights ensuring the stability of glazed panels.

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 aluminium or translucent polycarbonate.



### PANELLING

- **M85**  
Single laminated glazing, 5+5mm or 6+6mm with intermediate acoustic PVB film (0.38mm / 0.50mm / 0.76mm), placed centrally on the profile or eccentrically on one of the two sides.
- **D85 / ECO D85**  
Double laminated glazing, 5+5mm or 6+6mm with intermediate acoustic PVB film (0.38mm / 0.50mm / 0.76mm).
- **T85**  
Triple laminated glazing: 2 external glazed panels 5+5mm or 6+6mm with intermediate acoustic PVB film (0.38mm / 0.50mm / 0.76mm) and 1 central glazed panel of 5+5mm / 6+6mm / 6+8mm with intermediate acoustic PVB film (0.38mm / 0.50mm / 0.76mm).
- **SOLID PANELLING**  
Solid panels consisting of 2 compact 18mm thick-side panels with either melamine surface, or natural wood. The panels are removable providing access to e/m installations. Mineral wool or other sound insulating material is inserted between the panels for optimized acoustic sealing. Panel joints are 3mm visible.

### ROBUST AND ELEGANT



### ACOUSTIC PERFORMANCE

- **39.7dB**  
M 85 | Single glazed partition with laminated glazed panel (6mm+acoustic PVB 0.76+6mm).
- **43dB**  
D 85 / Eco D85 | Double glazed partition with two (2) laminated glazed panels (5mm+acoustic PVB 0.50mm+5mm).
- **48dB**  
D 85 | double glazed partition with two (2) laminated glazed panels (6mm+acoustic PVB 0.50mm+6mm).
- **41dB**  
Solid partition with two (2) compact 18mm thick-side panels and sound insulation filling.
- **49dB**  
Solid with two (2) metal panels thick. 7/ 10 with 12.5mm plasterboard core and sound insulation filling.



### DOORS

- **Single glazed door**  
Tempered glass panel 10mm, hinged or sliding with two options for sliding mechanism: internally between the glazing or mounted on external ceiling rail.
- **Double glazed door**  
Two (2) tempered glass panels 6mm & 8mm, hinged or sliding.
- **Solid door**  
40mm thickness, hinged or sliding.  
60mm thickness, hinged or sliding.

FOR DOOR DETAILS & SPECIFICATIONS REFER TO PAGE 76.



