

daylight2®

SEAMLESS
DOUBLE
GLAZED
PARTITION

Daylight2 is a seamless glazing system that offers a wide range of design possibilities. It sets new standards and elevates expectations for design, flexibility, technology, acoustics, and upgradability.

The double glazed partition is complemented by doors in glass or wood, with options for solid paneling to accent the elevations or provide access for cable management and receptacles.

Fully integrated relationships between glass, Aluminium, and wood are realized in the carefully designed Aluminium profile system, complete with a range of accessories to achieve any desired design.

Acoustic insulation for double glazing begins at 39 dB and ends at 45 dB. Different glazing can be applied to the same elevation for different acoustic requirements, without affecting the overall look of the partition.



FRAMELESS DOUBLE GLAZED PARTITION TECHNICAL DATA SHEET

daylight2®

Seamless Glazing

DESCRIPTION

Demountable double glazed partition. Solid or glazed panels can be installed in any combination.

STRUCTURE

- Height of floor channel: 28mm
- Width of floor channel: 50mm
- Height of ceiling channel: 50mm
- Width of ceiling channel: 50mm

DOUBLE GLAZED PARTITION

- Double glazed partition uses two separate panes of glass.
- The glass is held in extruded Aluminium sections.
- The glass is fitted without the use of silicone.
- Glass junctions are dry jointed in clear double adhesive tape, translucent Polycarbonate profiles, or an extruded Aluminium H profile.

SOLID PANELS

- Solid panels for electrical and data connectivity may be installed (must be specified).
- Solid panels are composed of 17mm thick MDF.
- Panels are hung on galvanized steel posts.

HINGED DOORS

- Glazed doors are 54mm thick double glazed with one pane 6mm fully tempered glass and one pane 8mm laminated glass.
- Wood doors are hollow, semi-solid, or solid core, 54mm thick.
- Door architraves are 54 or 86 mm thick.
- Doors are provided with a rubber seal encased in the door frame.
- Door hardware is specified on a per project basis.

FINISHES

ALUMINIUM PROFILE

- Anodized or polyester powder coated finish.

GLASS

- Clear, fully or partially frosted.

SOLID DOORS AND PANELS

- Melamine laminate.
- Natural Veneer.
- High Pressure Laminate.
- Lacquer or Enamel paint.

DIMENSIONAL LIMITS

Partition can be installed up to 3000mm in height.

Tolerances for surfaces adjacent to the partition cannot exceed ± 2 mm.

ACOUSTICS

| GLAZING TYPE | ACOUSTIC REDUCTION |
|------------------|--------------------|
| 2 x 10 mm TSG | 39 dB |
| 2 x 12 mm TSG | 42 dB |
| 2 x 12.76 mm LSG | 44 dB |
| 2 x 11.52 mm LSG | 45 dB |

TSG = Tempered safety glass
LSG = Laminated safety glass



INSPIRATIONS



Inspiration #1

Partition with frameless double glazing and double glazed door in 54 mm door frame.



Inspiration #2

Partition with frameless double glazing and wood door in 54 mm door frame

INSPIRATIONS



Inspiration #3

Partition with frameless double glazing, wood technical panel, and wood door in 54 mm door frame.



Inspiration #4

Partition with frameless double glazing, wood technical panels, and wood door in 85 mm door frame.