



pleinAir





pleinAir

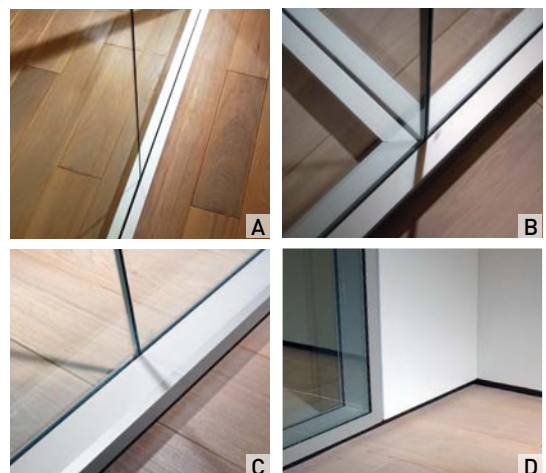
the innovative partition

pleinAir is fully in tune with the modern trend towards simplicity with style. With its elegantly smooth lines, pleinAir has broken free of conventional grid and module.



the pleinAir partition

pleinAir is a completely transparent partition of elegant design. Single or double glazed units (of over 12 mm) are housed in an unobtrusive base. The glass edge is specially machined to incorporate an EPDM seal. The junction is invisible and flexible to allow the glass units to be changed, if required. pleinAir is available with centred single glazing (A) and (B), with single offset glazing (C) or with double glazing (D). A further version of the pleinAir system is fitted with slim vertical mullions.



pleinAir an active partition



pleinAir: versatile partition

pleinAir opens up all the possibilities of new partitioning decor technology and can be fitted with fabric, open-mesh, paper, vinyl, natural or synthetic fibre surfaces either on or between the glass units. The system can incorporate up to three independent elements of flexible, rigid, fixed or mobile materials.



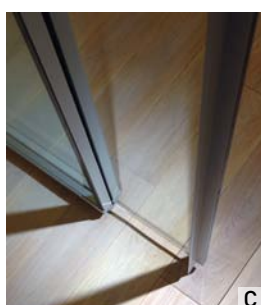


to release spaces

pleinAir can be installed free-standing without any head restraint. This design can benefit the re-use of existing AC.

pleinAir

doors and accessories



pleinAir doors

The pleinAir range includes five specially-designed doors: three pivot-mounted hinged doors (A, B and D) and two sliding units (C, E). With their streamlined minimal look, the doors are available in steel, veneer or glass.

DESCRIPTION

Solid or glazed partition without vertical structure on profile with hollow seal.

CONSTRUCTION

• GLAZED UNITS:

- Glazed panels, full height:
 - Centred or off-centre single glazing or double glazing.
 - Extruded aluminium frame sections.
 - All units are completely factory made, and delivered finished on site.

• SOLID MONOBLOCK PARTITIONS:

- Thickness: 83 mm.
- Steel skins 1mm thick.
- Filling: mineral wool.

• DOOR PANELS:

- Aluminium frame.
- Pivot or mounted hinged doors.
- Sliding doors, centred or flush mounted.
- Glazed leaf with / without frame.
- Steel or timber leaf, 40 to 83 mm thick.

• JUNCTION BETWEEN SOLID PANELS OR BETWEEN SOLID AND GLAZED, 6 MM WIDE:

PVC or steel seal.

• JUNCTION BETWEEN GLAZED UNITS:

- For glazing of 10 or 12 mm: 3 mm wide. EPDM seal.
- Double glazing 6 and 8 mm: aluminium upright - width 16 mm.

FINISHES AND OPTIONS

• SURFACE TREATMENT OF SOLID PANELS:

After surface treatment by alkaline degreasing and nanoceramic conversion of the skins and accessories, application of thermosetting polyester powder paint, oven-cured at 180°C (thickness $70 \pm 10 \mu\text{m}$). The paint gives a decorative surface that is shock and UV resistant.

• COLOURS:

Colours in Clestra Hauserman colour chart. Others: following technical approval.

• ALUMINIUM PROFILE:

Painted or natural anodized finish. Other anodization on application.

• PARTITION ADD-ONS

Our range of options and accessories can be used to tailor the partition to the specific project needs and user requirements (blinds, magnetic accessories, Japanese skins, etc.).

• WORKING WALL:

Solid panel vertical junctions can accommodate a concealed racking upright that facilitates the support of furniture items such as shelving, storage units and desk-ing. The upright can be retrofitted and relocated if required.

GEOMETRICAL FEATURES

• DIMENSIONS:

- Height:
 - Glazed panels: up to 3200 mm, type and glass thickness according to national standards.
 - Solid panels: up to 3600 mm.
- Width:
 - Solid: Max 1600 mm
 - Glazed: Min 350 mm

FITTING CHARACTERISTICS

• TOLERANCES:

- floor: $\pm 12.5 \text{ mm}$
- ceiling: $\pm 7.5 \text{ mm}$
- with adaptation profile: $- 7.5 ; + 15 \text{ mm}$

• SOLID PANEL INTERLOCKING:

The elements interlock using a steel headed cam.

• INTERLOCKING OF 10 & 12 MM GLAZED ELEMENTS:

Mechanical junction obtained through unique machining of the glass units and a dry jointed EPDM seal.

ACOUSTICS

Weighted sound reduction index following EN ISO 717-1.

• SOLID PANELS:

$R_w (C ; C_{tr}) = 45 (-3 ; -9) \text{ dB}$

• GLAZED PANELS :

- Single glazing:
 - $R_w (C ; C_{tr}) = 30 (-2 ; -2) \text{ dB}$
- Double glazing with upright 16 mm
 - $R_w (C ; C_{tr}) = 43 (-2 ; -4) \text{ dB}$
 - high acoustic version up to:
 - $R_w (C ; C_{tr}) = 45 (-2 ; -7) \text{ dB}$
- Double glazing without upright
 - $R_w (C ; C_{tr}) = 43 (-2 ; -5) \text{ dB}$

FIRE

REACTION TO FIRE:

- Euroclass following EN 13501-1: A2-s1,d0

CLEANING

Glass, lacquered metal and anodized aluminium : cloth and a mild detergent.

ACCESSORIES

Clestra Hauserman offers a wide range of partitions accessories, filled with clever self-fastening systems.

Coat hooks, hooks, painting holders, white boards, door signs, document holders, pencil holders can be put up and taken down like a «POST IT», without damaging the supporting partition. Depending on the supporting partition, there are magnetic, suction or velcro fastenings.
www.hop-hop.com

Our products are being continuously developed and our technical data is regularly updated on our website. Please check them on www.clestra.com.

