



phOtO





phOtO

the relocatable partition

phOtO, relocatable and with excellent sound insulation features.

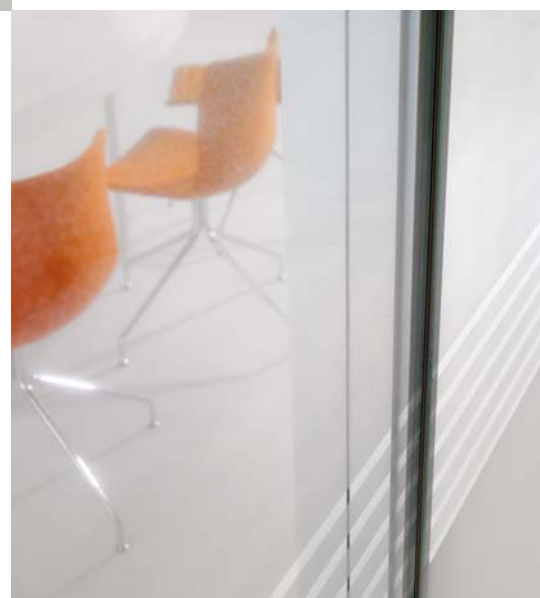


the phOtO panel

phOtO is a flush glazed, made-to-measure, relocatable partition.

The glass is directly adhered to the metal uprights using a bonding process.

The result is total transparency - a flush-glazed surface with no visible interruptions and no required concealment of the bond.



phOtO

a partition radiant
with transparency



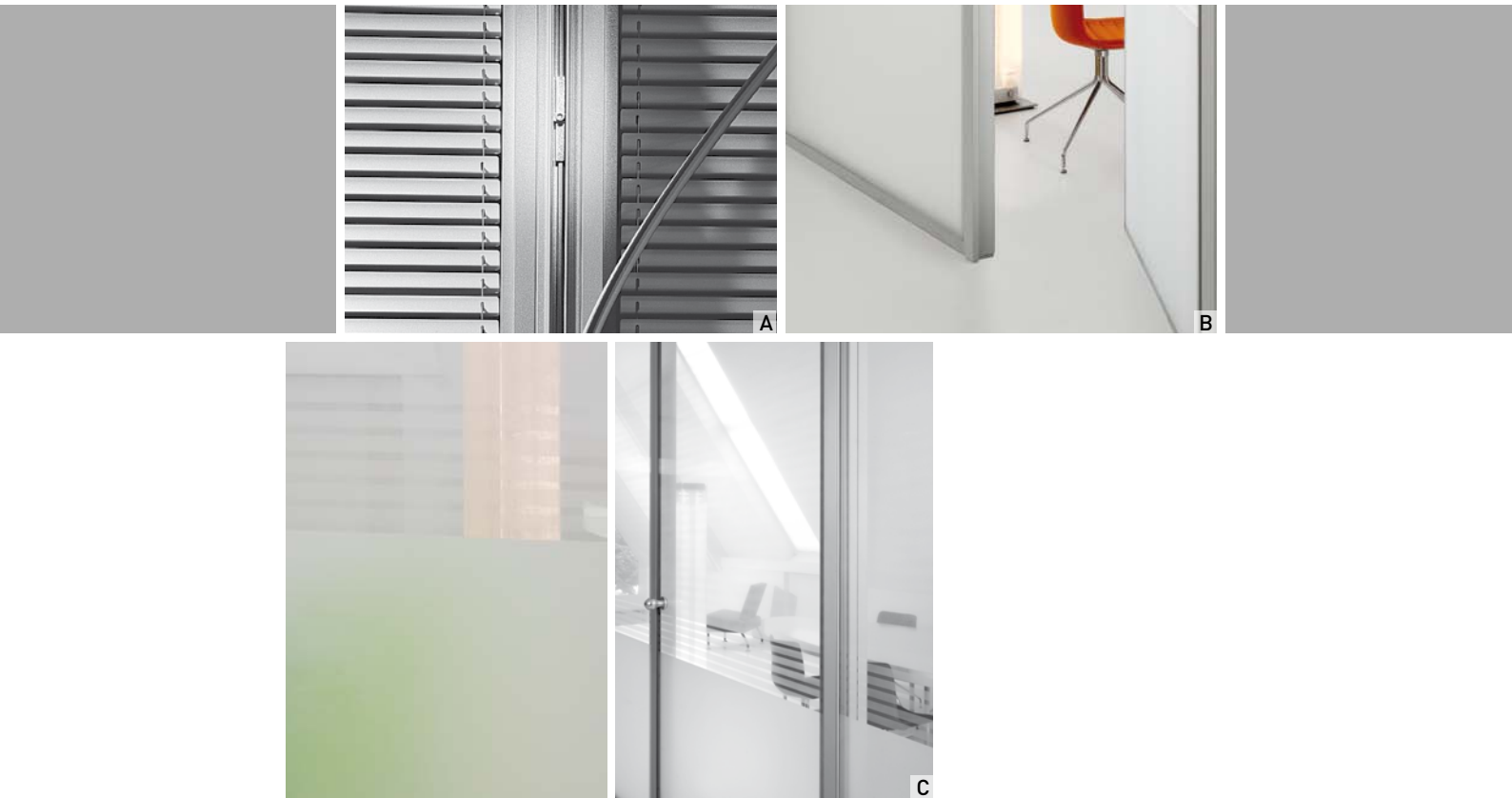
acoustic performance

The two faces of the phOtO partition are 6 and 8 mm thick respectively and are mechanically separated, with a void between the two to achieve the maximum level of acoustic performance.



ph0t0
a partition with
modular junction

phOtO details and finishes



- A. Panels are connected using steel cams.
- B., C. phOtO door flush with the partition.

maintenance

The split monoblock structure is designed to facilitate cleaning and maintenance. Each side can be removed to offer easy internal access for cleaning or servicing the blinds/manifestation.



DESCRIPTION

Solid or glazed partition.

CONSTRUCTION

Partition thickness: 83 mm

• GLAZED ELEMENTS:

- . The flush glazed elements consist of 2 panes that are adhered to lacquered aluminium frames using a bonding process.
- . The double glazed units are constructed from a split monoblock design which allows access to the internal void to retro-fit/service blinds or apply/re-apply manifestation.
- . In the basic version the panels are delivered with clear double glazing (float) 6 + 8 mm.
- . Optionally, security glass 6 or 8 mm can be used. The 8 mm glass can also be compound glass 44.2.
- . All glass is polished with flat edges.
- . The door glazed transoms are manufactured in a similar manner which allows both faces to be perfectly flush with the adjacent partition panels.
- . The product comes with securing steel cams in the junctions to ensure the maintenance of the glass even in case of non-standard solicitation (not withstanding the laboratory tests: safety shocks at 900 J).
- . All the glazed elements are fully pre-fabricated and are delivered as finished products to site.

• SOLID MONOBLOCK ELEMENTS:

phOtO glazed elements can integrate with the solid monoblock elements of the partitions synchrOne and synOps.

• DOOR PANEL:

- . The frame is made of 1.2 mm thick steel.
- . The door leaf is 83 mm thick and flush with the two sides of the partition. It can be constructed in steel, timber or glass.
- . The glazed door leaf is made of welded frame on which the glass is bonded which allows both faces to be perfectly flush with the adjacent partition panels.
- . The bottom cross rail is fitted with an adjustable base drop seal.
- . The double glazed door uses 2 sheets of 6 + 6 mm or 6 + 8 mm toughened glass.

• JUNCTION :

- . 6 mm wide.
- . Vinyl or steel seal.

FINISHES AND OPTIONS

• SURFACE TREATMENT:

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, specific to the phOtO partition. Others: following technical approval.

• ADAPTATION OF BLINDS:

- . The top cross rail of the glazed elements is designed to incorporate most of the customary blinds, mechanically or electrically controlled, in a minimum space.
- . The width of the blind housing must not exceed 27 mm.
- . Manual or motorized control system.

• GLAZING:

- . Clear float toughened, low iron, acid etched, acoustic laminate.

GEOMETRICAL FEATURES

• DIMENSIONS:

- . Height up to: 3000 mm
- . Width up to: 1500 mm
- . Weight: 38 kg/m^2

INSTALLATION FEATURES

• TOLERANCES:

- . floor: $\pm 20 \text{ mm}$
- . ceiling: $\pm 15 \text{ mm}$

• CONNECTION OF PANEL TYPES:

The panels interlock using a steel headed cam.

• INTEGRATION OF ELECTRICAL AND DATA SERVICES:

- . The top and bottom channels allow the horizontal passage for electric wiring through the partition.
- . Service panels with removable skins allow the installation and integration of electric switches and power sockets.

ACOUSTICS

Weighted sound reduction index following EN ISO 717-1

• GLAZED PANEL:

$R_w [C ; C_{tr}] = 47 [-2 ; -5] \text{ dB}$
high insulation version up to
 $R_w [C ; C_{tr}] = 49 [-2 ; -5] \text{ dB}$

FIRE

FIRE RESISTANCE:

dependant on design characteristics up to E 60 / EI 30 in accordance with European tests or equivalent BS standards.

Dimension limits in accordance with certificate.

ACCESSORIES

Clestra Hauserman offers a wide range of partition accessories, provided with clever self-fastening systems. Coat hooks, hooks, picture rails, whiteboards, door signs, document holders, can be put up and taken down like a «post-it®», without damaging the partition. Magnetic, suction or velcro fastening depending on the supporting partition.
www.hop-hop.com

Our products are constantly changing.
To find out about the latest approved acoustic performances, please visit
www.clestra.com.

