



phOtO





phOtO

the relocatable partition

phOtO, relocatable and with excellent sound insulation features.

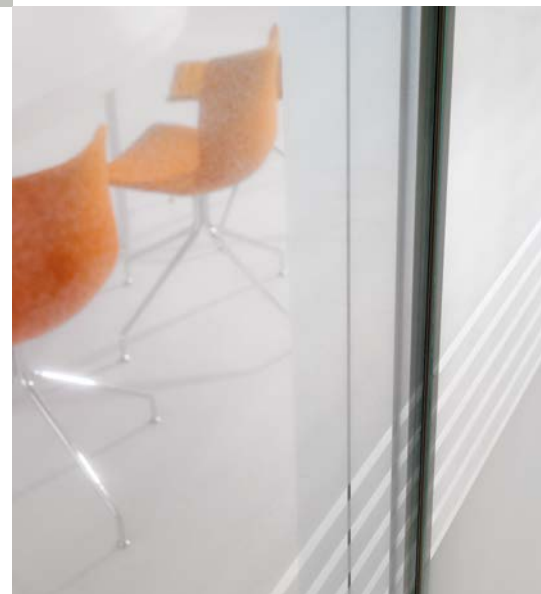


## the ph0t0 panel

ph0t0 is a flush glazed, made-to-measure, relocatable partition.

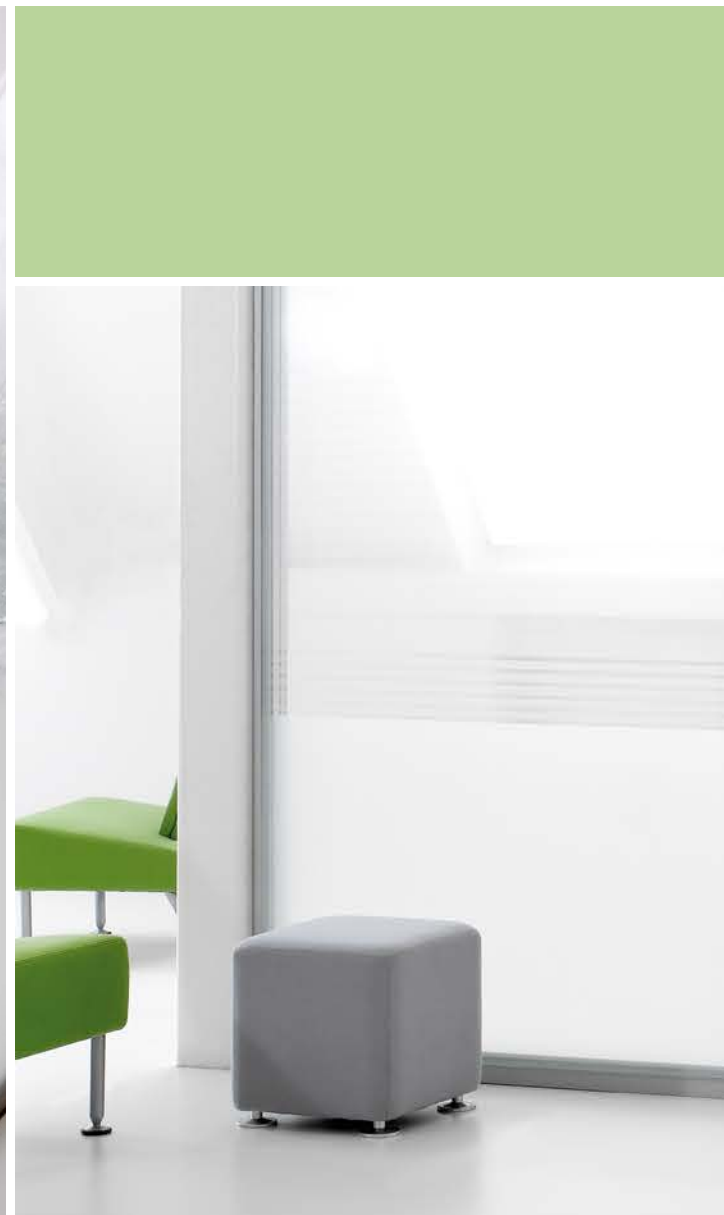
The glass is directly adhered to the metal uprights using a bonding process.

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



## ph0t0

a partition radiant  
with transparency



### acoustic performance

The two faces of the ph0t0 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

### 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 ± 10 µm). 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.

### GLAZING:

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

## OPTION

### 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.

## GEOMETRICAL FEATURES

### DIMENSIONS:

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

## INSTALLATION FEATURES

### TOLERANCES:

- . floor: ± 20 mm
- . ceiling: ± 15 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<sub>w</sub>** (C ; C<sub>tr</sub>) = **47** (-2 ; -5) **dB**  
high insulation version up to  
**R<sub>w</sub>** (C ; C<sub>tr</sub>) = **49** (-2 ; -5) **dB**

### GLAZED FLUSH DOOR:

up to **R<sub>w</sub>** (C ; C<sub>tr</sub>) = **39** (-1 ; -2) **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.

## CERTIFICATIONS

### MECHANICAL:

Structural test according to ETE.

### VOLATILE ORGANIC COMPOUNDS (VOCs):

. A+ french classification according to ISO 16000.

. EQ-credit LEED « Low-emitting products ».

### FACTORY CERTIFICATIONS:

Our factories are ISO 9001, ISO 14001 and OHSAS 18001 certified.

## ACCESSORIES

Clestra Hauserman offers a wide range of partition accessories, provided with clever self-fastening systems. [www.clestrashop.com](http://www.clestrashop.com)

Our products are constantly changing.

To find out about the latest approved acoustic performances, please visit [www.clestra.com](http://www.clestra.com).

