

LINE SYSTEM

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INNER STRUCTURE

Inner building structure in galvanized steel realized with horizontal U-shaped runners (50x25 mm) installed on floor and ceiling, vertical upright posts with rectangular section (50x25 mm) equipped with base levellers for adjustment +/- 20 mm and spring pressure bolts. Holes and particular fixing devices permit the fixing of the U-shaped cross-bars (50x25 mm) and the solid or glazed curtain walls.

SOLID PANES

Vertical panels for LINE partition and horizontal panels for FRAME, available in different solutions.

Double chipboard panels 18 mm thick with low formaldehyde emission (E1 grade), with melamine finish.

Edge banded in the same color of the panel. Fire reaction: standard panels with classification D-s2, d0. On demand class 1 panels with classification B-s2, d0. In addition to standard melamine finish, available also panels with melamine structured surface, with laminate layer sheet, timber veneered or lacquered. Solid modules with 6 mm split-line.

GLAZED PANES

Vertical panes for LINE partition and horizontal panes for FRAME, available in different solutions.

The glazed surfaces are installed flush to panels by means of support profiles in aluminium fixed to the structure by clipping. Standard color natural ox, on demand powder paint RAL colors, polished aluminium. There are three different supporting profiles: LARGE, EXTRA SMALL, and SMALL. The SMALL profile is featured by an interspace with a rounded section. Hidden plastic gaskets along the perimeter.

FRAME: double transparent glasses 4 mm standard;

LINE: for module MD2-MD3-MD4 set of two transparent glass panes 4 mm thick. For modules MD5 and MD6 set of two transparent glass panes 6 mm thick. On demand glazed surfaces with sand-blasted finish, serigraphs, decorations printed on one of the two glass sheet surface, painted finishes. Glazed modules with 6 mm split-line.

In addition venetian blinds with tilting slats of 25 mm and knob for manual control or, on demand, also remote control, 15 mm slats or perforated venetian blinds.

STANDARD MEASURES

Total thickness: 9 cm

Total height: variable

Width of modules LINE: 50 - 100 cm. Variable on request

Width of modules FRAME: 100 - 150 - 200 cm. Variable on request

Height of horizontal panels FRAME: 506 mm. Variable on request

Inferior skirting: solid panel in the same finish of the wall cover. Height 9 cm. It can be easily removed and inspected.

Top infill panels to the ceiling: variable height

ALUMINIUM ELEMENTS

Glazed surface support profiles, angles, door side posts, C shaped starting profiles in aluminium color natural ox standard. On demand powder painted RAL colors, polished aluminium.

CORNER CONNECTION

Aluminium rounded 90° profile, in the same finishes as the main tracks, can be used for the corner connection of solid or glazed modules. The connection between 2/3/4 perpendicular walls can be achieved by using variable angles, 2/3/4-way junctions in aluminium profiles with vertical clip-on fixing elements.

WALL ABATEMENT PROFILE

The perpendicular connection between the partitions and the building wall can be achieved by using a C shaped aluminium profile as a vertical structural component. Standard color natural aluminium; RAL varnished or polished on demand.

END CUP PROFILE

If the partitions end is in the mid of a room, the wall thickness can be closed and completed by adding an end cap profile in aluminium, color natural ox or varnished.

CABLE MANAGEMENT

Inside solid modules, skirting and infill panels, thanks to the slots provided on all posts and horizontal stringers connecting solid panels. A slot for switch can also be provided on the posts positioned by the doors.

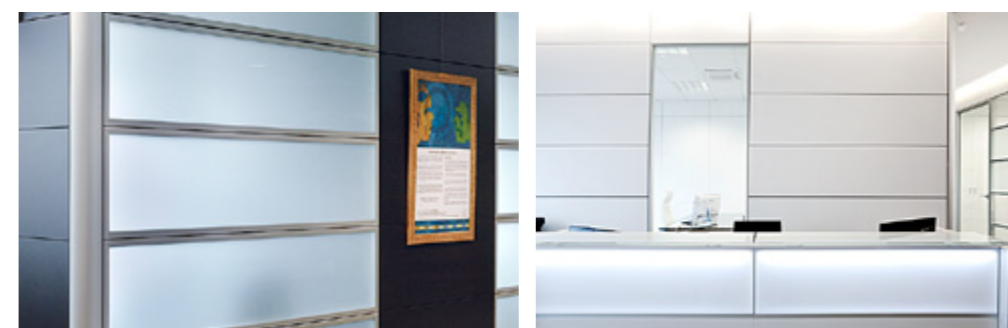
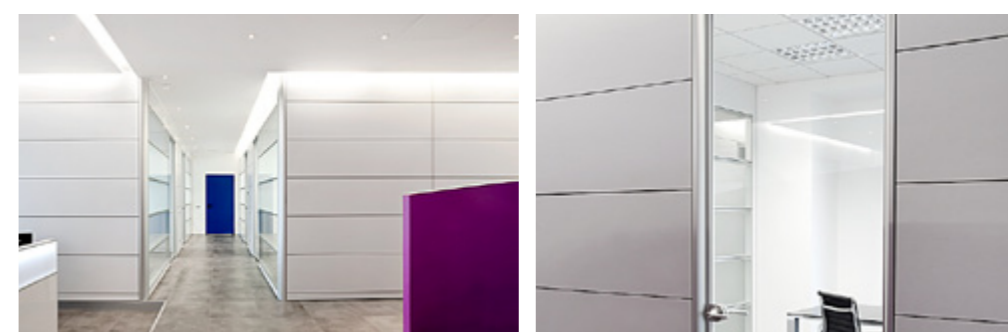
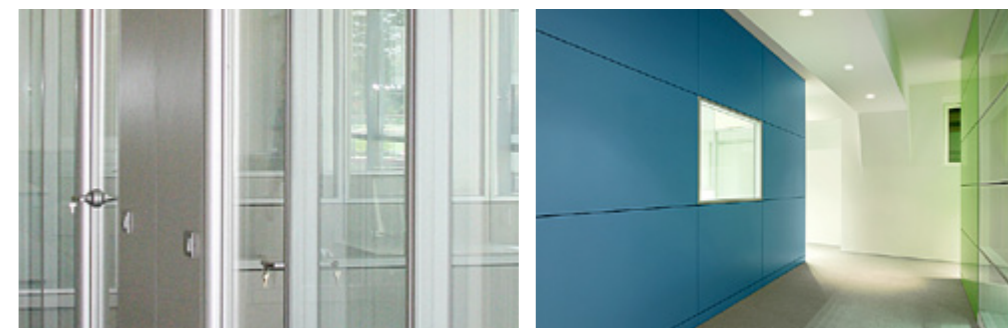
ACOUSTIC INSULATION

On demand the acoustic insulation may be improved by using asbestos free glass wool or high density rock wool 50 mm thick between the blind panels. Standard acoustic insulation for solid modules $R_w = 31$ dB; for solid modules with high density rock wool, 60 kg/m³, acoustic insulation $R_w = 41$ dB. On demand other insulating materials.

DOORS

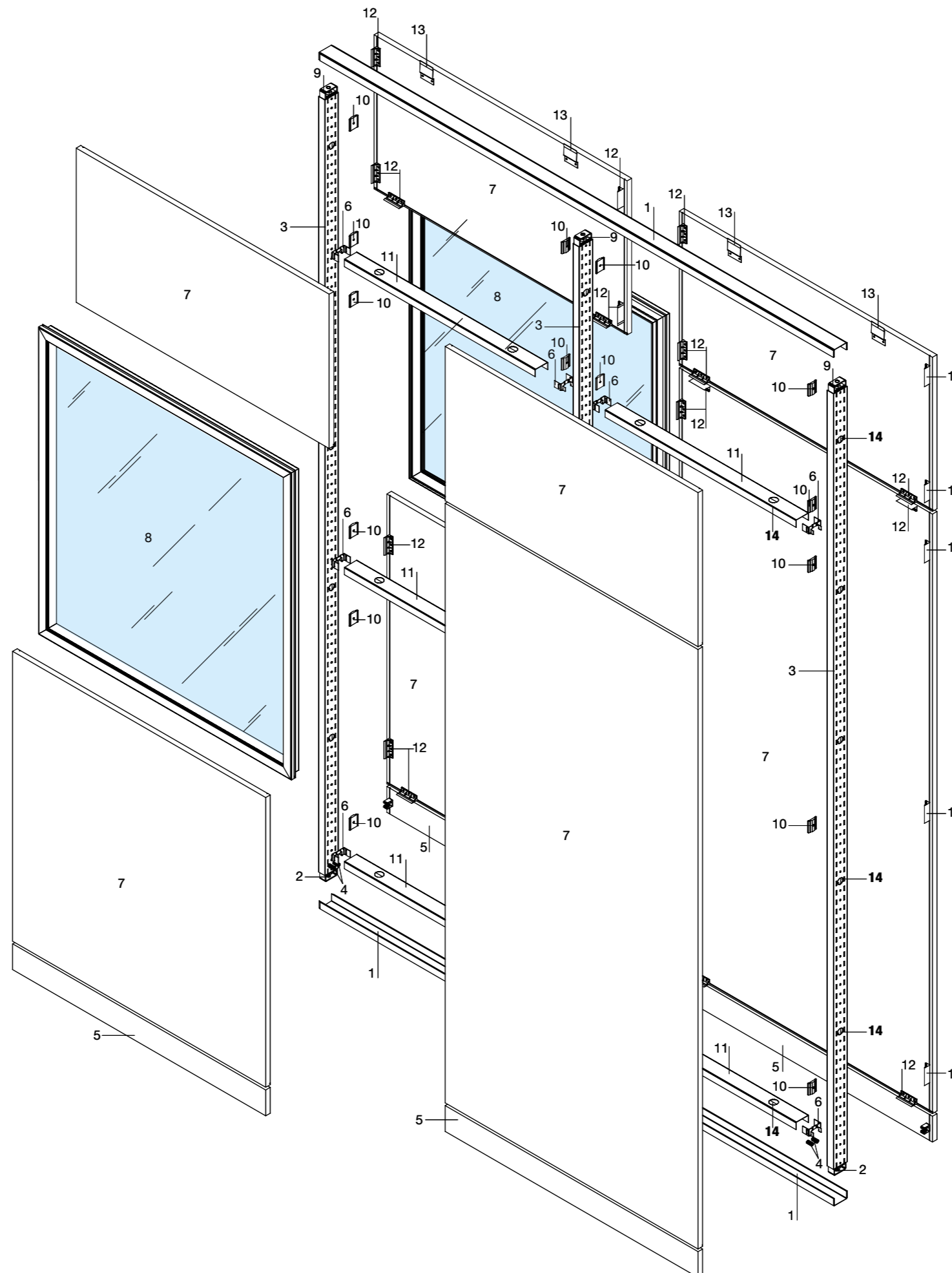
Standard doors height 211 cm; standard door side post height 215 cm, in aluminium. Other dimensions on demand. Three types of doors: solid or fully glazed, with or without perimeter aluminium frame, single or double doors. Traditional hinged doors, or sliding doors, available also full-height from floor to ceiling.

Tempered transparent glass or solid doors leaf 40 mm thick, honeycomb core, laminate finish or also sand-blasted, screen-printed, with adhesive films, timber veneered or lacquered; the doors are equipped with push-and-open knob Forma, handle Hoppe with lock-case or other handles on demand. Possible installation of electric locks and air-vents.



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Inner building structure in galvanized steel.
Skin panelling: vertical solid panels and glass panes.



- 1** Ceiling and bottom track in 11/10 mm thick sheet metal, applied along the entire inferior and upper development; with soft adhesive sealing.
- 2** Base leveller with height adjustment screw, fastened within the steel upright.
- 3** Vertical upright in 12/10 thick galvanized sheet steel, with soft adhesive sealing.
- 4** Metal bushes fixing the inferior skirting on the upright.
- 5** Inferior skirting: 18 mm melamine coated chipboard panel with clips fastening the skirting panel on the upright.

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- 6** Metal hook fixing the horizontal U shaped stringers on the upright.
- 7** Solid skin panels, 18 mm melamine coated chipboard panels with fixing elements.
- 8** Glazed surface support profile and glass pane.
- 9** Spring pressure bolt with adjustment screw.
- 10** Moulded plate fixing the panes on the upright.
- 11** Horizontal stringer with hole for passing of cables.
- 12** Special moulded device fixing the panels.
- 13** Special spring device fixing the upper infill solid panels.
- 14** Holes for wiring, diameter 22 mm.