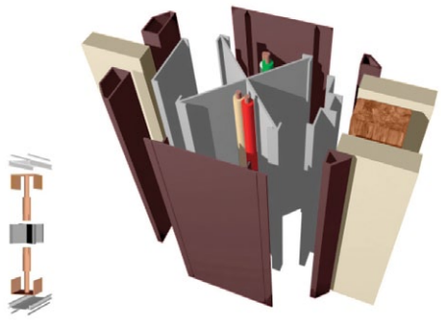
Technical Description

WALL WORKS OFFICE

Columns with solid panels

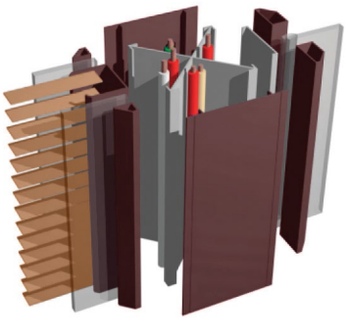


Double or single 15 mm thick (each) MDP or MDF wood boards, with melamine coating, with frontal removing.

Available in several colors and textures.

Structured between the floor and the ceiling by a telescopic adjustment system, allowing adjustments to correct ceilings up to 40 mm at each point.

Columns with glass panels

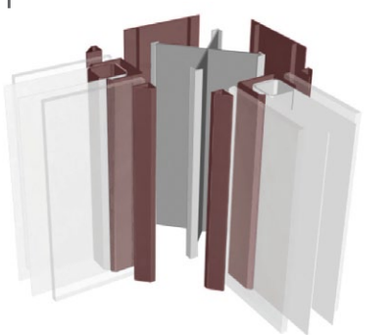


Simple-glazed panels (4.5 and 6 mm) or Double-glazed panels (2x 4.5 e 6 mm), with frontal removing.

Optionals:

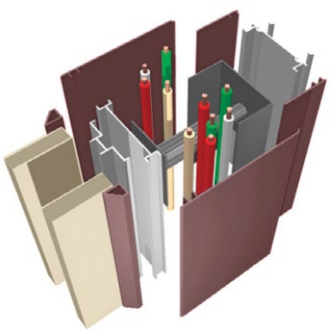
- Use of safety glasses (laminated or tempered crystals);
- Use of internal blinds;
- Use of films in various patterns.

Columns with fabrics between glass panels



Identical structure of double-glazed panels, with internal aluminum frames for installation of exclusive system of printed fabrics between glass panels.

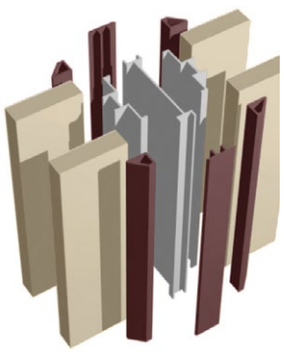
Exit Columns



Structured between the floor and the ceiling by a telescopic adjustment system, allowing adjustments to correct ceilings up to 40 mm at each point.

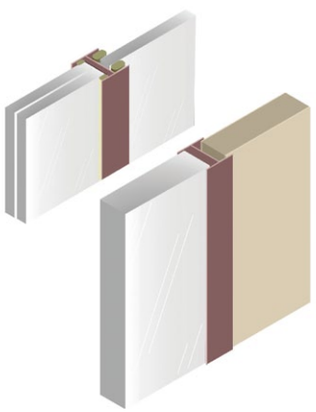
Use of double insulation rubbers for acoustic sealing.

Slim Columns



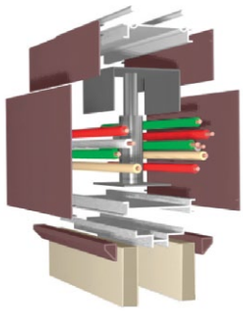
It allows the use of all previous settings of solid and glass panels.

Slim Plus and PVC Columns



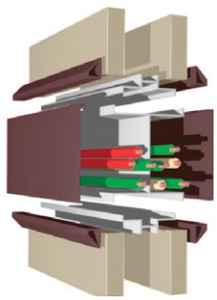
Aluminum or PVC Columns, for solid panels, simple-glazed or double-glazed panels with internal fabrics.

Horizontal Structures

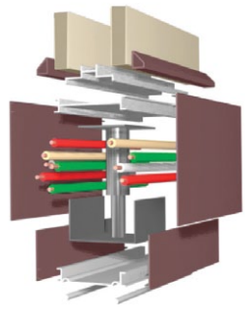


Crown Molding

Structured by a telescopic adjustment system, allowing adjustments to correct ceilings up to 40 mm. Use of double insulation rubbers for acoustic sealing.

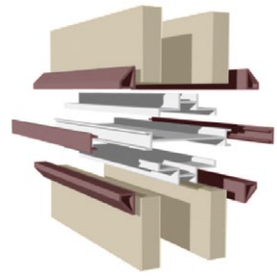


Chair Rail



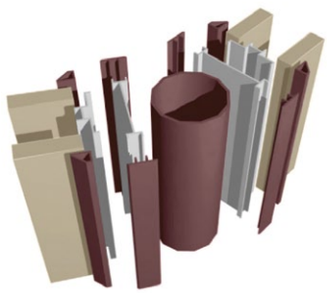
Baseboard

The system is identical to the Crown Moldings, with the option of using cabling tab, also for Crown Moldings and Chair Rails.

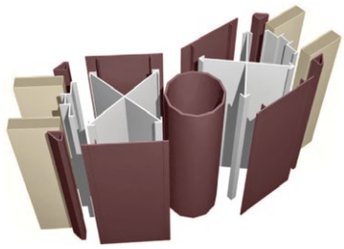


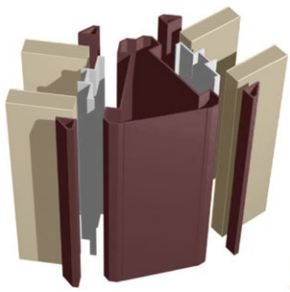
Crosspieces

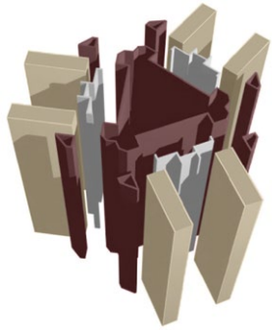
Using Options



Varying Angles







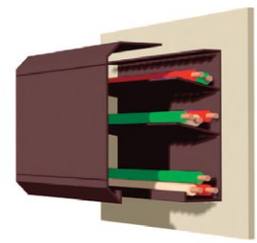
Fixed Angles

Masonry Structures

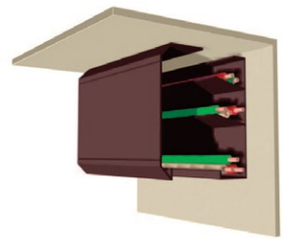
The profiles follow the same design of the partitions.

They can also be used as vertical and for door casing.

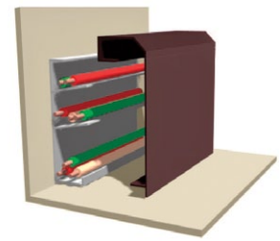
The finishes can be identical to those used in the partitions.



Chair Rail

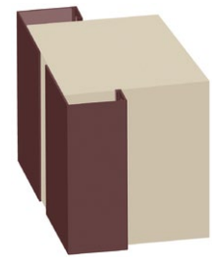


Crown Molding



Baseboard

Heavy Door Casing



Slim Door Casing

Specifications

EXCLUSIVE TECHNICAL CHARACTERISTICS

THE ARCHITECTURAL WALLS BY WALLWORKS HAVE UNIQUE DESIGN, SUPERIOR FINISHING AND EXCLUSIVE TECHNICAL CHARACTERISTICS IN THE MARKET.

1. TELESCOPIC SYSTEM FOR FLOORS, CEILINGS, EXITS AND DOORS

Allows for correction to uneven floors and out-of-vertical walls. In addition, rearrangements are possible with no need of additional pieces.

2. INDEPENDENT INTERNAL STRUCTURE

The on-site assembly can be brought forward installing only the structural components. The finishing trim can be added later, guaranteeing the perfect finishes after execution.

3. PROFILE OVERLAPPING

Camouflage system of horizontal profile cuttings, providing excellent finishing and acoustics insulating.

4. INDEPENDENT MODULATION

It enables removals and additions without interfering with adjacent modules, making it easy to relocations.

5. FREE PAGING AND MODULATION

Panels paging and modulation are defined according to the specific need of each project.

6. MODULE TRANSFORMATION

Modules can be transformed without needing to remove the structure.

7. ACOUSTICS

Double insulation rubber is used on ceilings, floors, exists and doors, providing outstanding acoustic properties.

TECHNICAL DESCRIPTION

THE TECHNICAL SPECIFICATIONS BELOW REFER TO THE SET OF ALL PRODUCTS.

Structural Profiles

Structural Profiles in natural aluminum with independent assembly system of the finishing.

Guides – Sectioned at every module, fastened together with coupling device to the floor, ceiling and exits, supported by double acoustic sealing rubbers.

Exit Columns – Structured between the floor and the ceiling by a telescopic adjustment system, allowing adjustments to correct ceilings up to 40 mm at each point. Opening adjustment system, with open span to pass cabling, connected to the baseboards, and chair rails and crown moldings, reaching 78 mm to 118 mm, thus correcting plumb line differences of up to 40 mm.

Corner and Intermediate Columns – Structured between the floor and the ceiling by a telescopic adjustment system, allowing adjustments to correct ceilings up to 40 mm at each point. It has 4 sections for panel exit and cable passing, connected to the baseboards, and chair rails and crown moldings.

Crown Molding – With telescopic adjustment system that allows opening from 110 mm to 150 mm, correcting unevenness of up to 40 mm. It allows cable passing, connecting to the columns and through them, to the baseboards and chair rails.

Baseboard – With telescopic adjustment system that allows opening from 110 mm to 150 mm, correcting unevenness of up to 40 mm. It allows cable passing, connecting to the columns, crown moldings and chair rails.

Chair Rail – 73 mm in height, it has 2 ducts for cable passing, one on each side. They can be used at any height, connecting the columns and, through them, to baseboards and crown moldings.

Crosspiece – 12.5 mm, it can be used at any height.

Panels

Boards – Double 15 mm thick (each) MDP or MDF wood boards, with melamine coating in several colors and textures, including woody, internally filled with thermoacoustic insulating material, composed of rock wool with density of 32 kg/m³ and 1" thick (with options of 48 kg/m³, 64 kg/m³ and 96 kg/m³).

Doors – Double 15 mm thick (each) MDP boards, with melamine coating in several colors and textures, including woody patterns, squared at the top with aluminum profiles, treated, anodized or painted electrostatically. The doors receive at the base an aluminum profile finishing, with a telescopic height adjustment system for to adjust floor unevenness. Locks and Keso central cylinders or similar are available on the market.

Glass – From 4 to 15 mm thick, or double with up to 6 mm. They can be supplied: colorless, bronze, fantasy green, laminated (security glass), wired, and others.

Blinds – Use of micro blind in 16 and 25 mm blades, installed between windows with blade opening drive with steel cables embedded in the columns of the partition, button activated. Optionally, the blinds can be installed with a remote control motorized system, including in this case, the option of rising.

Fabric – Spandex in plain colors, or screen in black or white with a choice of using prints and lighting feature. They can be used as a sandwich between two glasses or internally insulated in aluminum frames without contact with the glass.

Finishing Profiles

Finishing Profiles treated, anodized or painted electrostatically with powder paint.

Guide Covers – Snapped into the guides.

Column Covers – Final width of 103 mm, snapped into the exit, corner and intermediate columns, overlapped on the horizontal profiles, providing camouflage of the cuts, better finishing and acoustic insulation. It allows to install switches and their finishing covers.

Crown Molding Covers – Snapped into the crown moldings, overlapping the guide covers.

Baseboard Covers – Snapped into the baseboards, overlapping the guide covers. They allow the installation of outlets and their finishing covers.

Chair Rail Covers – Snapped into the chair rails, they also allow the installation of outlets and their finishing covers.

Crosspiece Covers – Snapped into the crosspieces.

Door Casings – With fitting for finishing and cushioning rubber and for hinges.

Doorframes – With fitting for finishing rubber and for hinges.

Basestep – With telescopic system for leveling.

Complementary Masonry Profiles

Baseboards – With a height of 120 mm, consisting of inner duct divided into 3 sections for cable passing, connecting the exit columns and through them to the crown moldings, chair rails and baseboards, with the possibility of fastening outlets and their finishing panels.

Chair Rails and Crown Moldings – With a height of 105 mm, consisting of inner duct divided into 3 sections for cable passing, connecting to the exit columns and through them to the crown moldings, chair rails and baseboards, allowing, in the case of the chair rails, to fasten outlets and their finishing panels.

Doorcasing – Frames that surround the walls of the openings in the same design of the baseboards and Crown Moldings or reduced Slim.

Accessories

Slim, Slim Plus and PVC Columns – Reduced, they do not provide cable passing.

Angle Columns – In two options for fixed angles of 135º, 120º and other variations, comprising intermediate columns or accessories on each side.

Column Covers – Final width of 32 mm, snapped into the columns, overlapping the horizontal profiles, providing camouflage of cuts, better finishing and acoustic insulation.

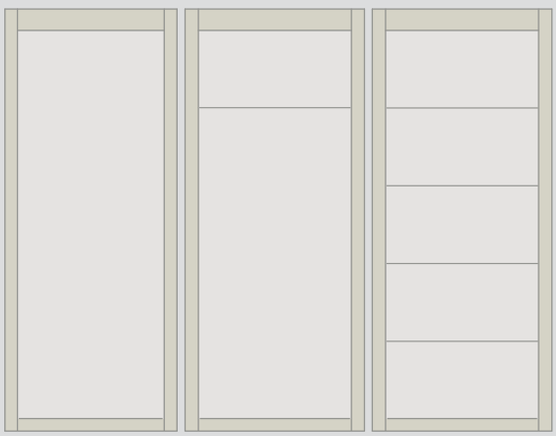
Cabling Separator – For internal separation on middle boards with 2 sections on each side and on the baseboards and ceiling boards, with 3 sections.

Panels and Doors Configuration

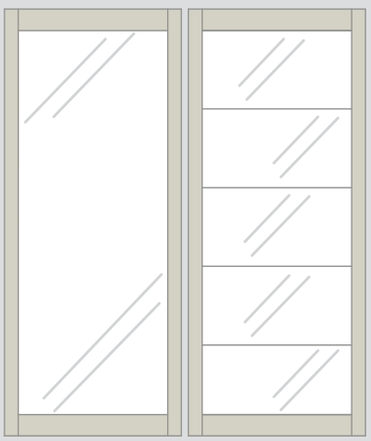
CLASSIC WALL

Panels Configuration:

Solid Panel



Glass Panel



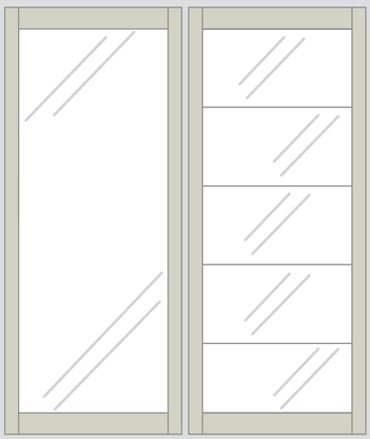
Mixed Panel

- Free modulation paging and height;
- Simple-panels or double-panels with the option of acoustic insulation for double-panels;
- Glasses: simple-glazed or double-glazed panels; laminated or tempered crystals;
- Films: frosted, total or partial;
- Blinds: External or integrated;
- Solid panels: finishes in plain colors, woodgrains or fabrics;
- Profiles: heavy or slim; anodized, painted in plain colors or wood look finishes.

CLEAN LIGHT

Panels Configuration:

Fabric Between Glass Panels

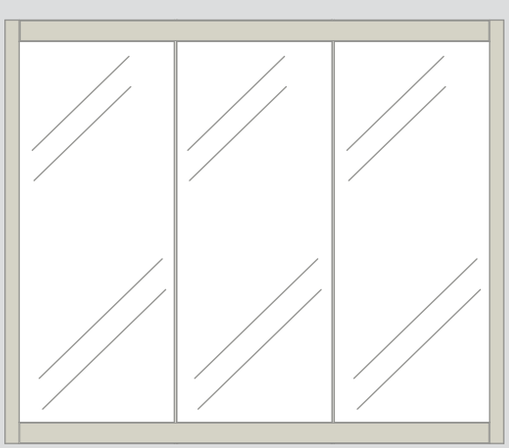


- Free modulation paging and height;
- Glasses: double-glazed panels with laminated or tempered crystals;
- Profiles: heavy or slim; anodized, painted in plain colors or wood look finishes;
- Fabrics: plain colors opaque or white with up to three degrees of transparency;
- Lighting: partial effect in backlight.

CLEAR SPACE

Panels Configuration:

Glass Panel

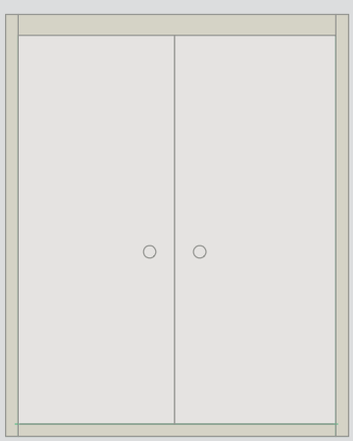


- Free modulation paging and height;
- Glasses: sdouble-glazed panels with laminated or tempered crystals;
- Films: frosted, total or partial.

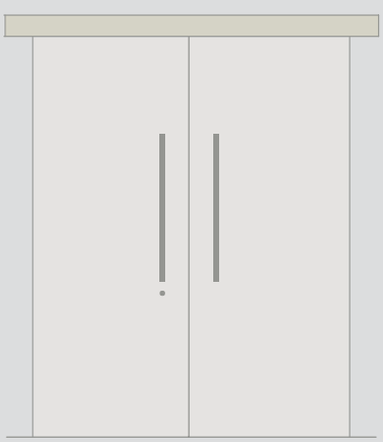
DOORS CONFIGURATION

Simple

Double



Sliding Door



- Free modulation paging and height;
- Displays: variable dimensions;
- Glasses: simple-glazed or double-glazed panels; laminated or tempered crystals;
- Locks: brands to be chosen;
- Hinges: fitting to the doors studs and frames, being the frame optional;
- Handles: tubular with free dimensions;
- The doors can also be pivot doors.