







A Simple and Transparent Touch to Spaces

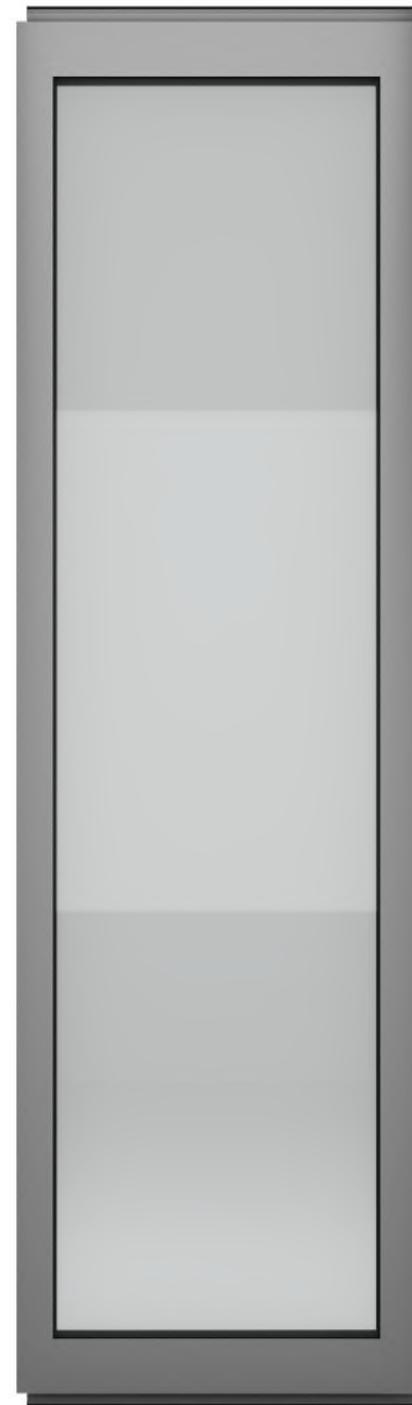
What is it? What are its properties? Where is it used?

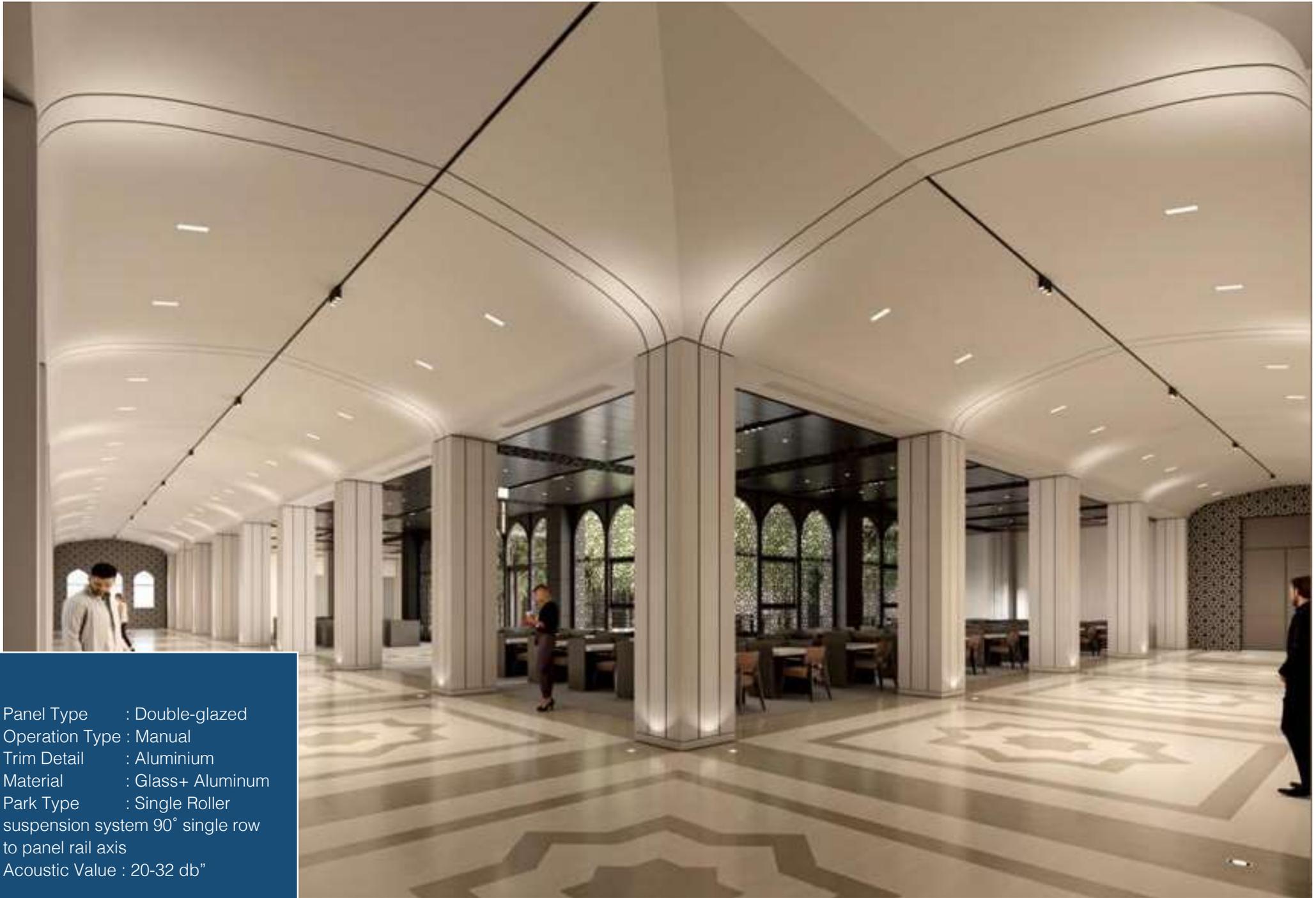
Pangloss Auto is Turkowall's **semi-automatic double glazed glass movable wall system**. This system, on one hand, functions as a wall with high acoustic sound insulation dividing the space, on the other hand, it eliminates the borders with its visual lightness and transparency. While providing privacy exactly as you want it, it also allows you to benefit from natural light with visual freedom.

Our Pangloss Auto system is manufactured with double glazing and electrically. Special aluminum guillotine profiles positioned above and below the system create fully insulated walls by automatically tightening and opening movements with electrically operated motors.

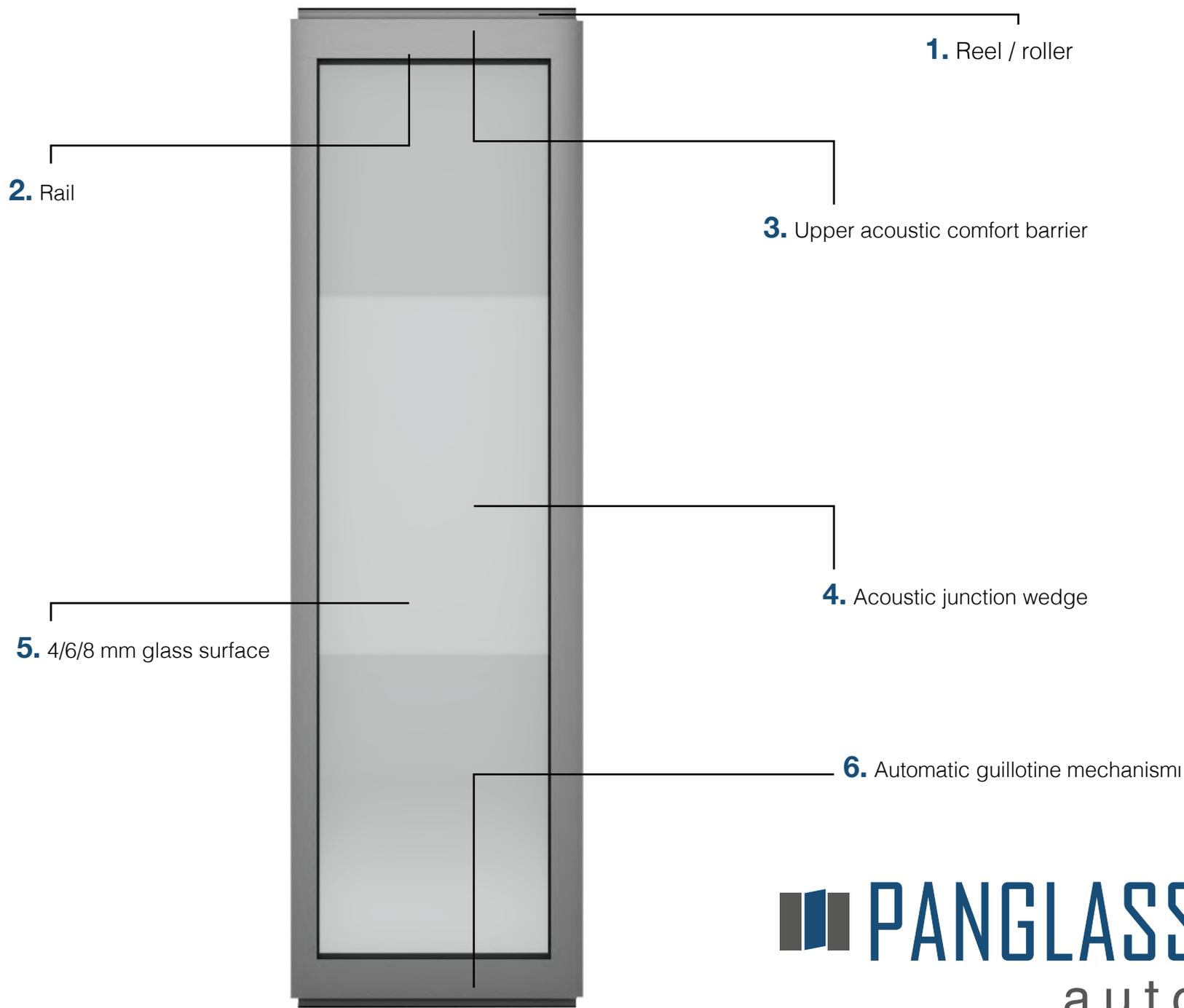
- Transparent
- Natural Lifting
- Aesthetic
- Minimal

Semi-Automatic Shutdown	✓
Telescopic Panel	✓
Vertical Guillotine Lock	✓
In-Panel Door (Optional)	✓
Visible Profile Panel Thickness	10 cm
Hidden Profile Panel Thickness	x
Maximum Height	500 cm
Minimum Width	60 cm
Max Width	100 cm
Single reel/roller	✓
Double reel/roller	✓
Sound Insulation Values	30-42 (dB)
Weight per m2	35 kg
Anodized Static Painted Aluminum Profile	✓
In-panel glass modules	x
Door glass modules	x
Wood surface coating	x
Fabric surface coating	x
Glass surface coating	✓
Password or card pass system	x
Outdoor parking option	✓
Acoustic comfort enhancement option	✓
Acoustic barrier	x
Insulation Tapes	✓





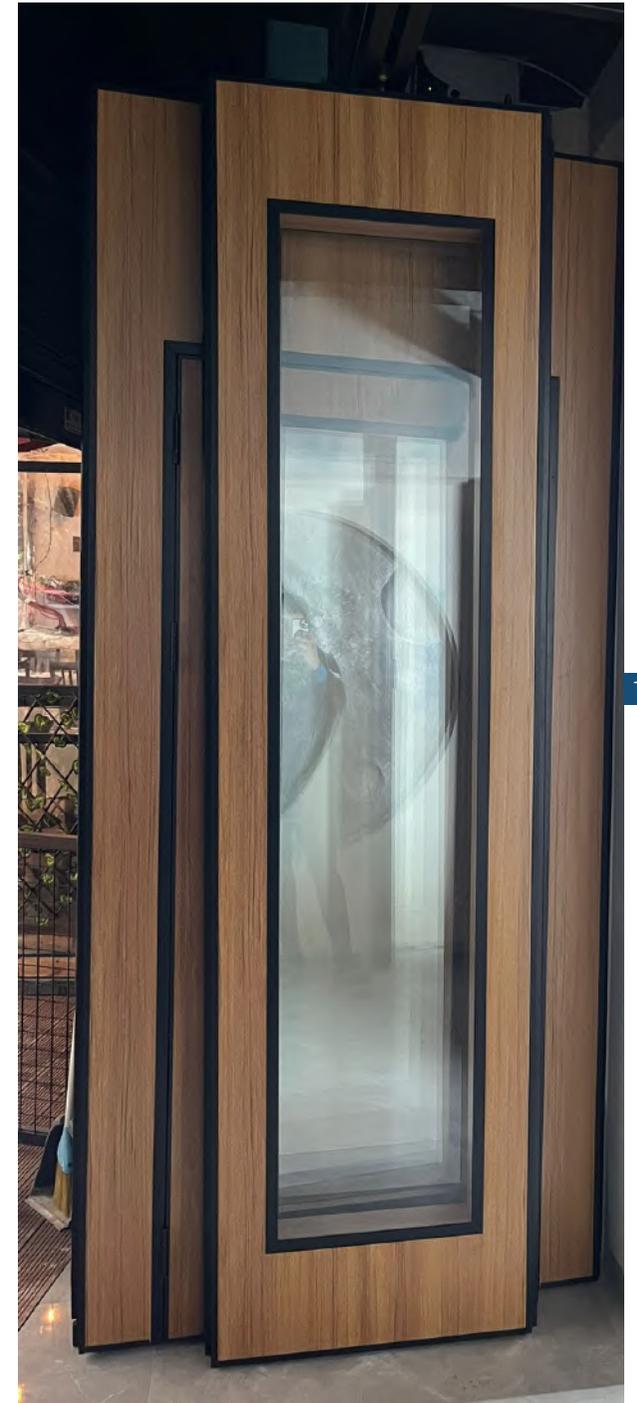
Panel Type : Double-glazed
Operation Type : Manual
Trim Detail : Aluminium
Material : Glass+ Aluminum
Park Type : Single Roller
suspension system 90° single row
to panel rail axis
Acoustic Value : 20-32 db”



Technical Detail

Panglass Auto is our double glazed semi automatic movable partition wall system that we have developed for our customers who demand transparency and privacy at the same time. You can use this system to close all openings. It works easily even in spaces with high ceilings, with laminated tempered glasses and solid aluminum construction that we use on both surfaces. The system has compact motors that work with 12 or 24 volt weak current electrical power. The lower and upper working spaces and the telescopic module on the last panel are opened and closed with the push and pull movement of the motors. Our system, which offers high acoustic comfort, can also be manufactured with a blind between two glasses, according to your request.



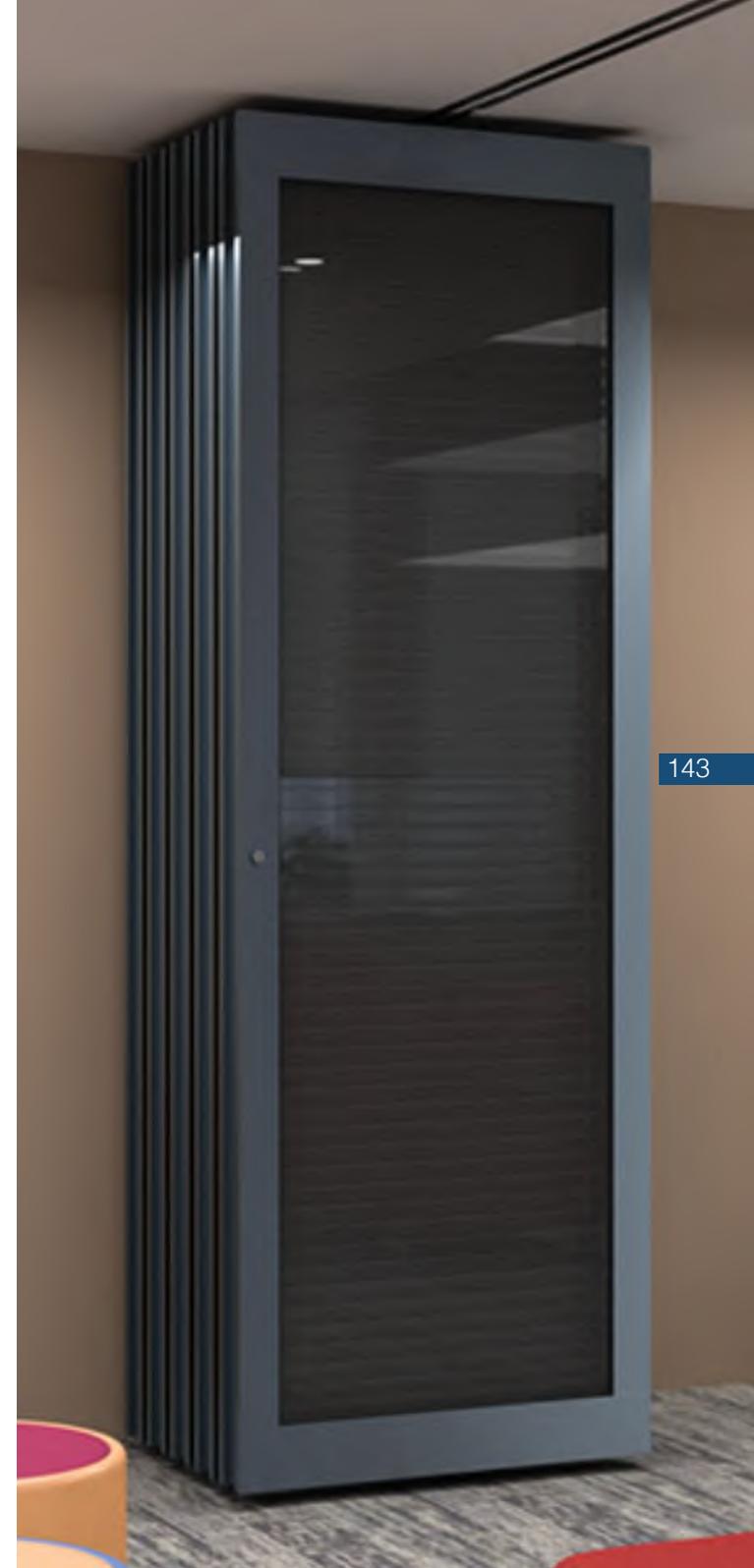


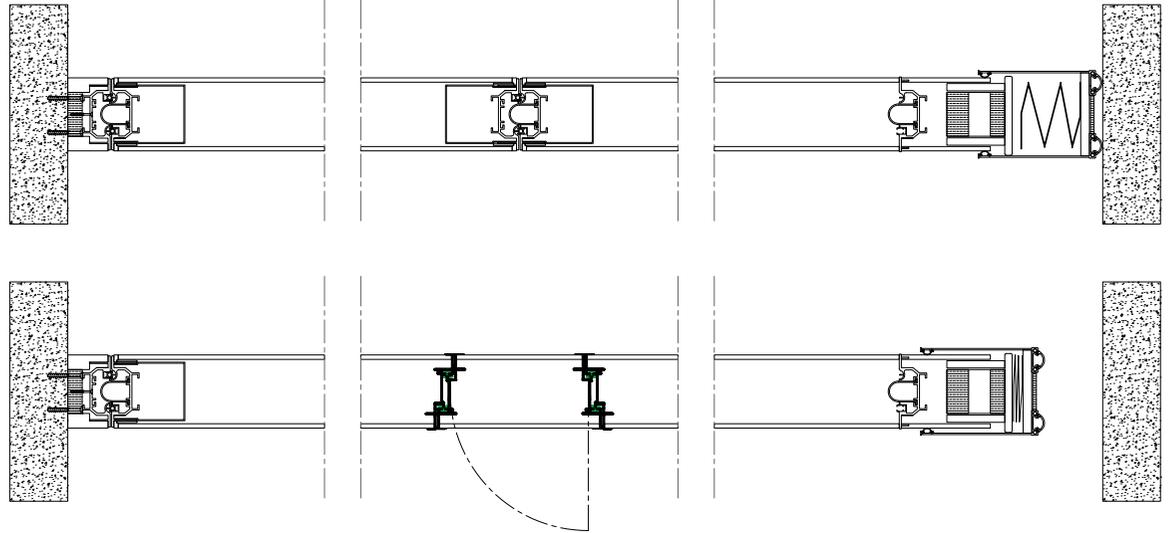
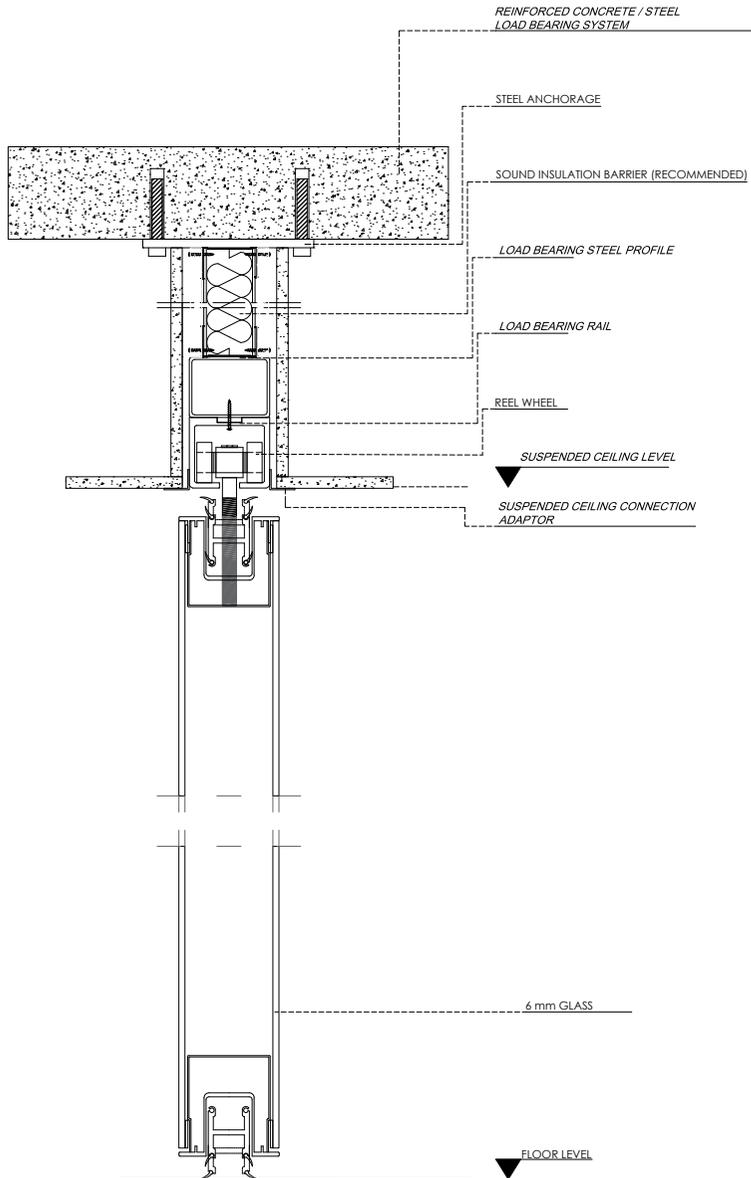


Panglass Auto glazed movable wall system is our double glazed system with its own special aluminum frame. There are movable insulation profiles on the top and bottom of the panels, and thanks to the guillotine system, these profiles become active and apply pressure to the ceiling and floor, thus closing the wall completely. Our Panglass Auto system is recommended wherever visual transparency but sound privacy or acoustic comfort are required.

Panglass Auto glass movable wall system works semi-automatically. In this system, each panel is locked individually and the system provides a high level of security. The technical properties of the glasses used can be changed in accordance with the project, so that the insulation and light control values of the entire system can be manipulated. In this way, an insulated and transparent wall is formed. Sandblasting and coating can be applied in any color in accordance with the project and space design.

Painted windows or double-glazed blinds can be preferred. Frame profiles can be painted in the desired color.

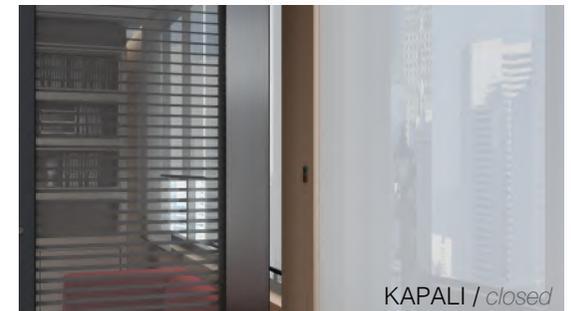




Acoustic junction wedge (**4 corners on each panel**): Standard
 Vertical sound insulation barrier (**Guillotine**): Standard
 Horizontal concave convex aluminum caps: Standard
 Horizontal concave and convex insulation cords: Standard
 Sound insulation level: 30 dB and 42 dB

Note: The most important factor determining the sound insulation level is the acoustic value coefficient of the other components of the space.

maximum **42 DB**
 sound insulation guarantee





Although the main components of the **Panglass Auto glass movable partition wall system** are glass and aluminum, it promises a significant acoustic comfort. Mid-level sound insulation is provided with rubber wicks integrated into the specially developed vertical and horizontal joint profile. It guarantees sound insulation up to 42 decibels if other components of the space are compatible.

PANGLOSS AUTO GLASS MOVABLE WALL TECHNICAL SPECIFICATIONS

Semi-Automatic Double Glazed Movable Partition Wall System; By hanging on the aluminum guide rails on the ceiling, with special suspension elements and rollers, these elements and rollers can move in multiple directions, move independently of each other, and can be stored in a specific location. It is a system consisting of modules with a thickness of 100 mm and special double-sided glass.

Each panel is moved independently and manually. The placement of the panels on the ceiling and the floor in a way that ensures impermeability is provided by a system that moves and controls all horizontal insulation profiles. The system works with electricity and provides automatic opening and closing movement of horizontal insulation profiles.

Concave and convex anodized aluminum profiles meet at the joints between the modules. The modules consist of 8/10/12 mm thick glass panels which are suspended on the body profile bidirectionally. The mechanical systems in the hidden inner parts of the module are controlled by electric motors. By moving the black anodized aluminum insulation bands on the upper and lower lines of the modules up and down and by applying force to the surface, it provides sound insulation and creates a gap-free wall. The system has sound insulation, TSE and ISO quality assurance system certificates.

System thickness	: 100 mm.
Total width	:
Total height	: Maximum 400 cm
Carrier Profile	: Natural Anodized Aluminum, optionally static painted
Panel material	: Aluminum frame and construction
Surface coating	: 8/10/12 mm thick tempered or laminated tempered glass
Body profile	: Welded Steel Construction Resistant to Bending
Sound insulation	: 30 DB and 42 DB
Panel combination	: Natural Anodized Aluminum Profile
Edge detail	: 8 mm aluminum vertically and horizontally,
Insulation tapes	: Upper and lower Insulation Tape 25 mm aluminum
Electricity requirement	: 24/12 Volt
Mode of movement	: by hand
Control system	: Automatic
Rail	: Top Aluminum 100x90 mm natural anodized aluminum
Roller type	: Single/Double roller
Telescopic model	: 70 mm. Horizontal Opening and Closing Movement should be possible.



PANGLASS

basic & auto



TurkoWall

mobile partition systems

— turkowall.com —

