



DEXO

Movable acoustic walls



Space tailored to you

Need a layout that can adapt to your changing needs? Movable sliding walls are an elegant way to flexibly reshape an interior. In moments, you can turn a smaller room into an open, airy space – or just as easily section off a quiet zone for meetings.

Choose from solid acoustic Palace walls for maximum privacy, the glazed Palace Glass variant that combines natural light with acoustic comfort, or the minimalist, frameless President walls that bring lightness and a clean look to any interior.

Our movable walls meet the requirements of European Technical Assessment (ETA) and combine high quality with environmental responsibility.

We manage the entire process from start to finish. We help with the design and fine-tune every detail. Drawing on our long-standing experience and a strong sense of design, we deliver solutions that are both functional and timeless.



The production of our walls complies with the standards required by European legislation:



ISO 9001 Quality Management System: ensuring a consistently high standard of products and services



FSC – Responsible Forest Management: our wood comes from ecologically and socially responsible forests.



In line with the Environmental Product Declaration (EPD®)



Palace

A sliding solid **Palace** wall is an integral part of Notino's new office building. The solution allows the space to be used flexibly – within moments it can open into a collaborative meeting area, or close off into a separate conference room with excellent acoustics.

The panels feature a writable surface, so the wall doubles as a practical whiteboard for workshops and presentations.



Sound Insulation:

Movable wall: $R_w = 57 \text{ dB}$
Control: ON/OFF button,
electric closing
of internal drop-down
retractable seals





Palace Glass Premium

A combination of sliding acoustic **Palace** and **Palace Glass Premium** walls separates corridors from classrooms in the teaching areas of a modernised Austrian secondary school, while keeping the different parts of the interior visually connected. Thanks to their flexibility and simple operation, the mobile walls allow the space to be reconfigured quickly, while still delivering high sound insulation (Rw). Acoustic ceiling panels further reduce reverberation time, ensuring undisturbed lessons.



Sound Insulation:

Palace: Rw = 53-58 dB
 Palace Glass: Rw = 40-50 dB
 Control: ON/OFF button





Solid Panels with a View

An elegant combination of a solid acoustic movable **Palace** wall with an integrated walk-through door and a glazed **Palace Glass Standard** mobile panel delivers both excellent user comfort and an attractive design solution. While the solid wall provides outstanding sound insulation and privacy, the glazed panel lets daylight through, naturally brightening the interior.



Sound Insulation:
Palace: $R_w = 53-58 \text{ dB}$
Palace Glass: $R_w = 40-50 \text{ dB}$
Control: ON/OFF button
Compatibility: with DEXO partition systems





The Charm of Wood

Palace movable walls in a wood finish bring natural elegance to any interior. The natural material adds warmth, character and a timeless look to the space. This feature becomes not just a practical solution, but a striking part of the interior design in its own right. Thanks to first-class acoustics, Palace mobile walls ensure privacy, reduce noise and create a pleasant, calm environment suited to work, meetings and relaxation alike.



Sound Insulation:

Movable wall: $R_w = 58 \text{ dB}$
Control: ON/OFF button



Palace Glass Standard

At EVVA, we installed a sliding **Palace Glass Standard** wall with electronically operated integral blinds between the glass panes.

Panel detail





President

The **President** mobile wall with visible vertical profiles gives the space an attractive industrial character. The wall is fitted with light glass, ensuring maximum transparency and preserving the airy feel of the interior.

Floor locking mechanism

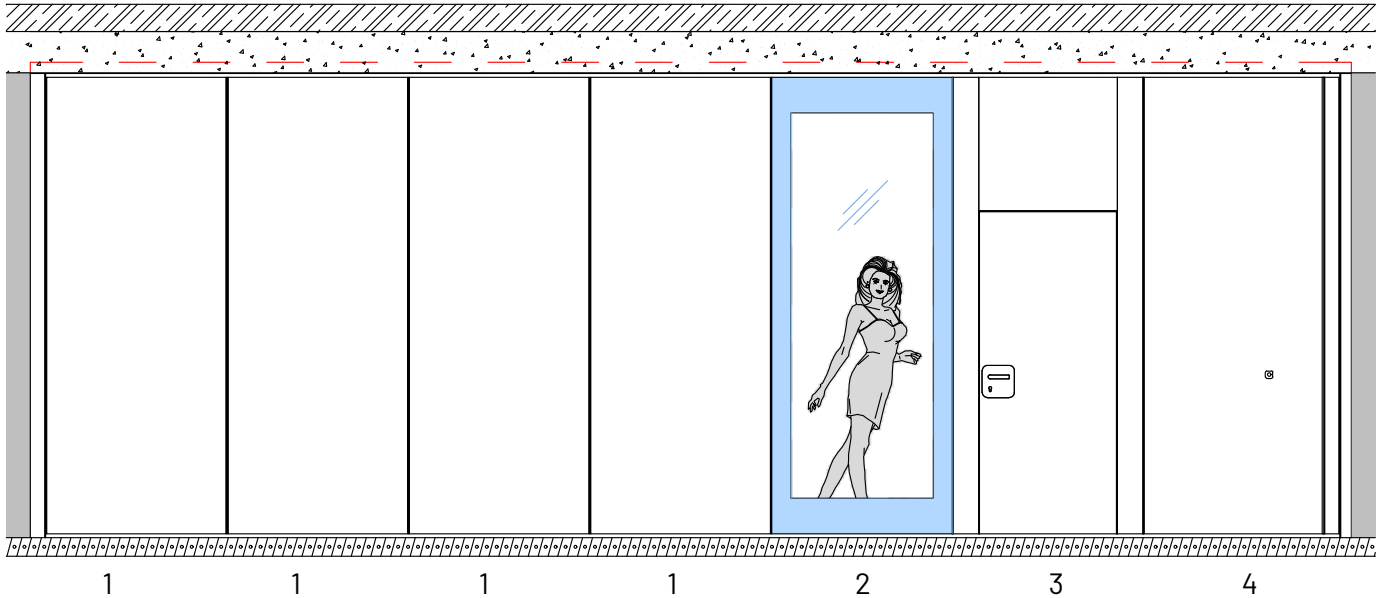


Sound Insulation:

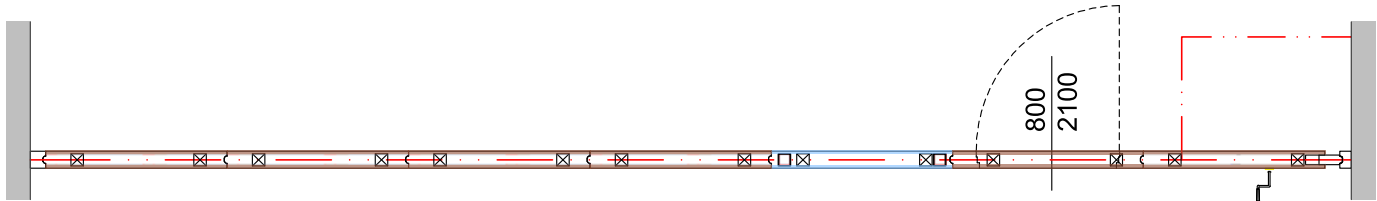
Movable wall: $R_w = 22$ dB
Control: manual



Sample **Palace** wall



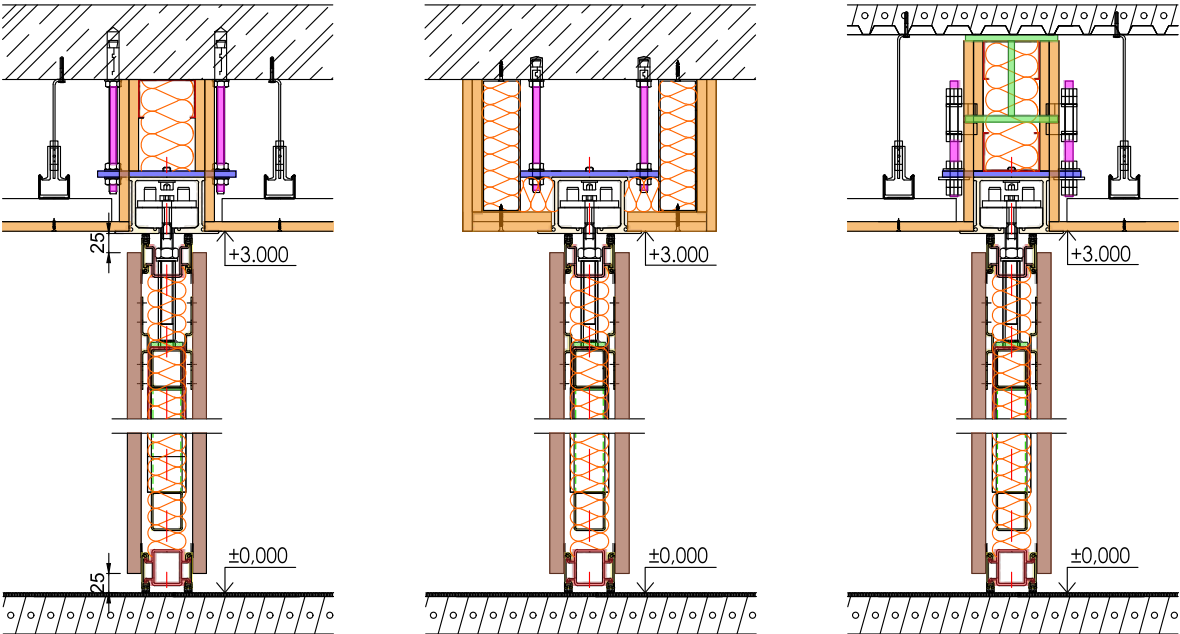
Wall closed:



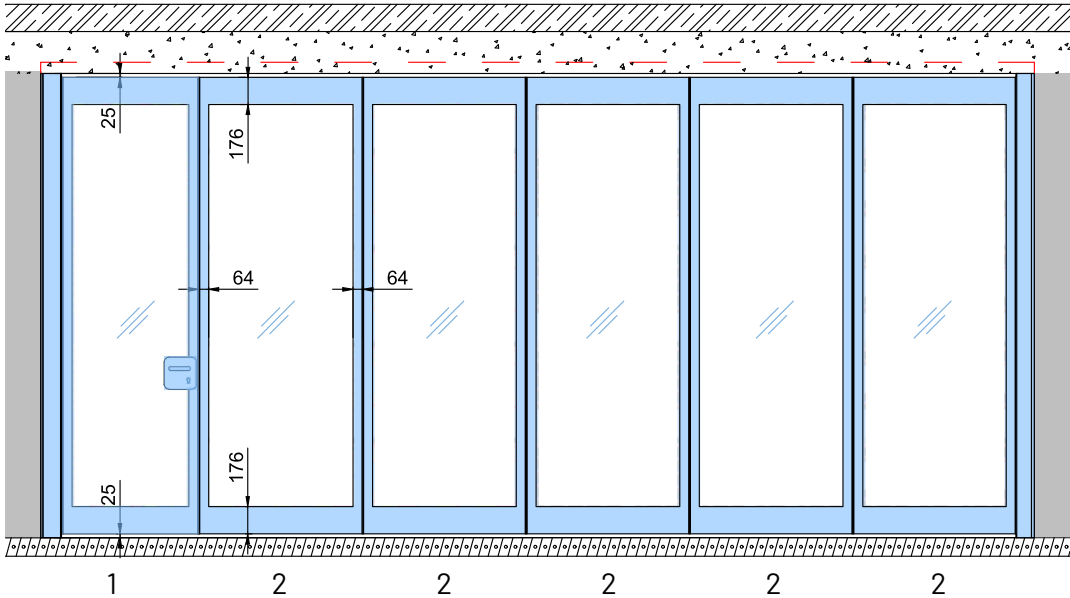
Parked panels:



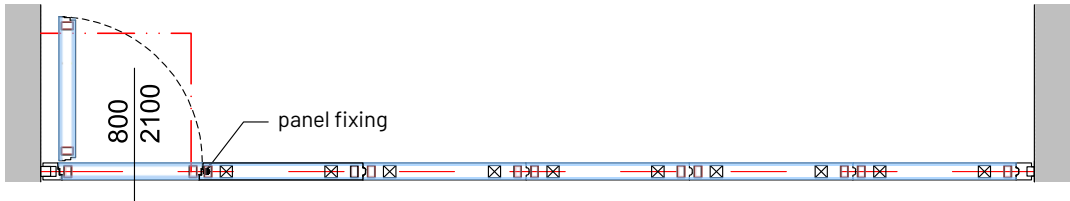
Vertical sections – anchoring of the Palace wall:



Sample **Palace Glass Premium** wall



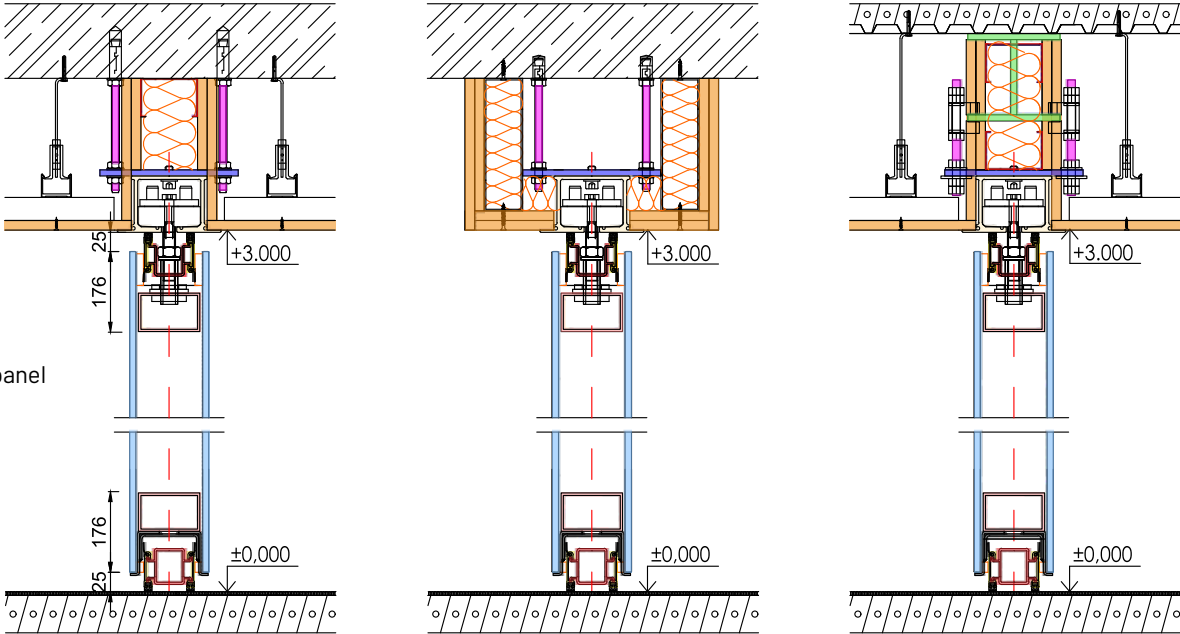
Wall closed:



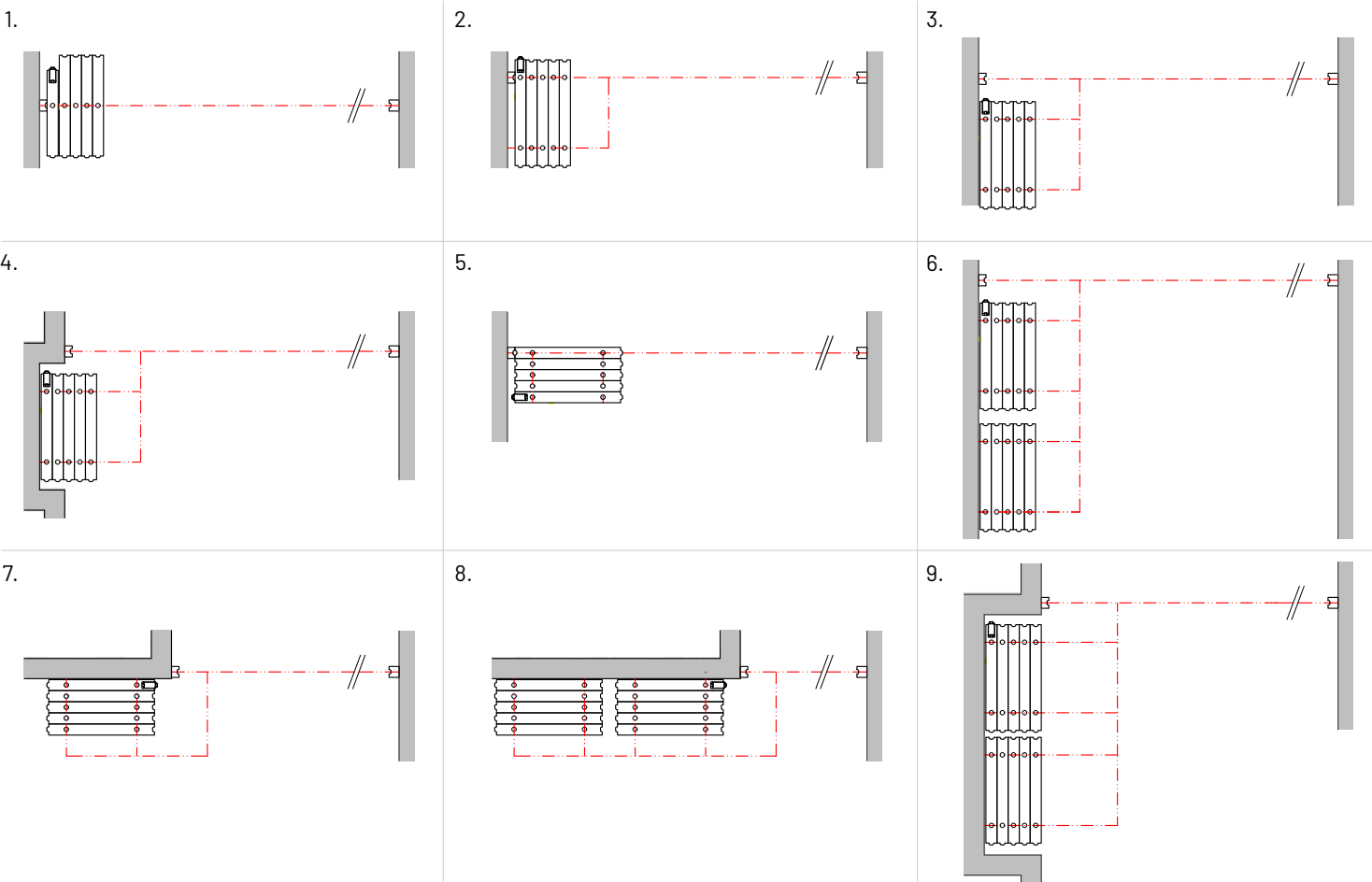
Parked panels:



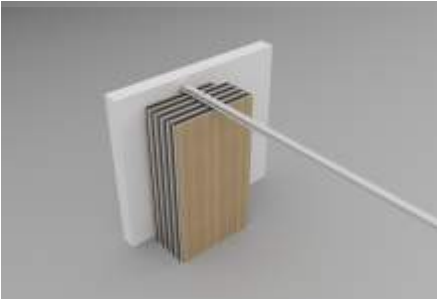
Vertical sections – anchoring of the Palace Glass Premium wall:



Parking variants for **Palace** and **Palace Glass** panels



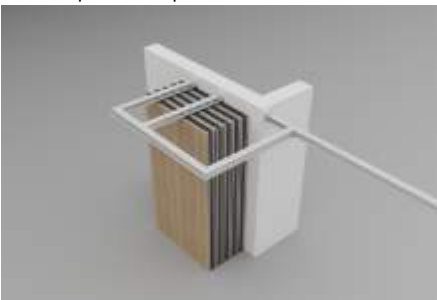
1: Single-point suspension



4: Two-point suspension



7: Two-point suspension



2: Two-point suspension



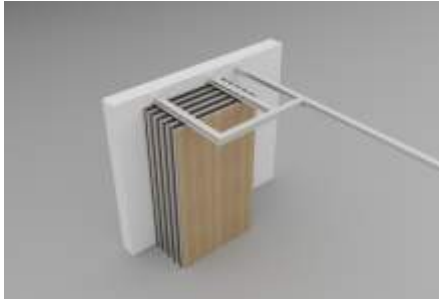
5: Two-point suspension



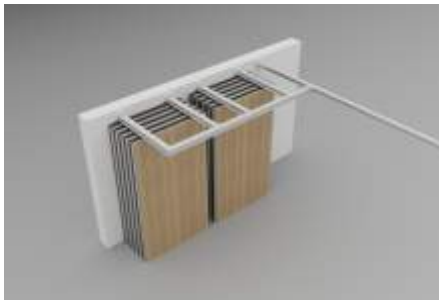
8: Two-point suspension



3: Two-point suspension



6: Two-point suspension

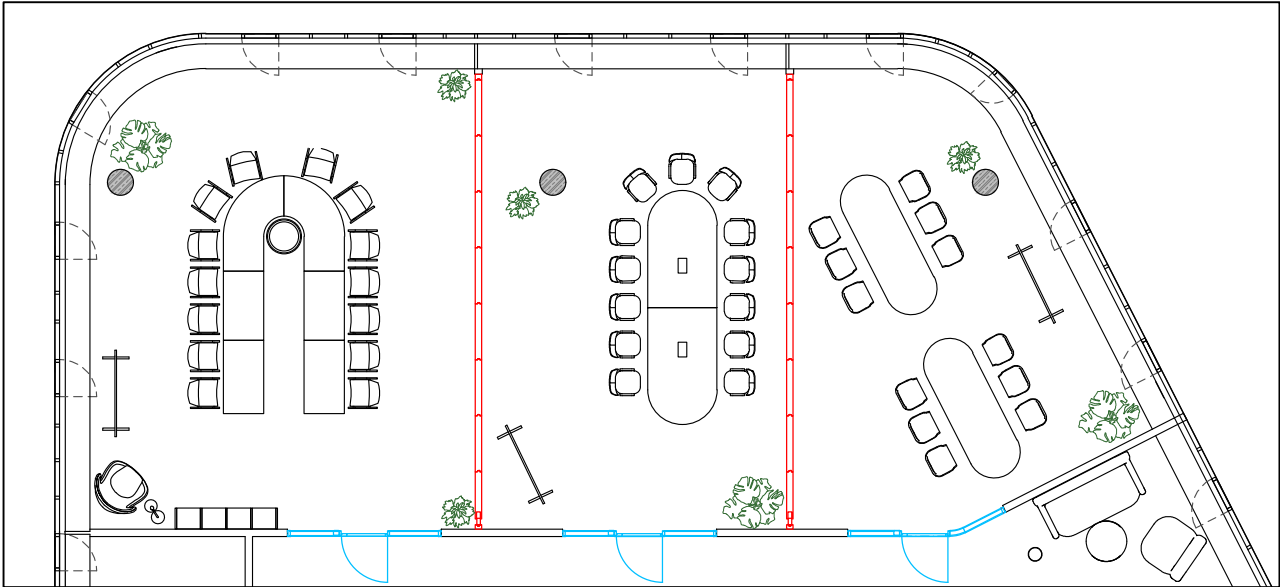


9: Two-point suspension

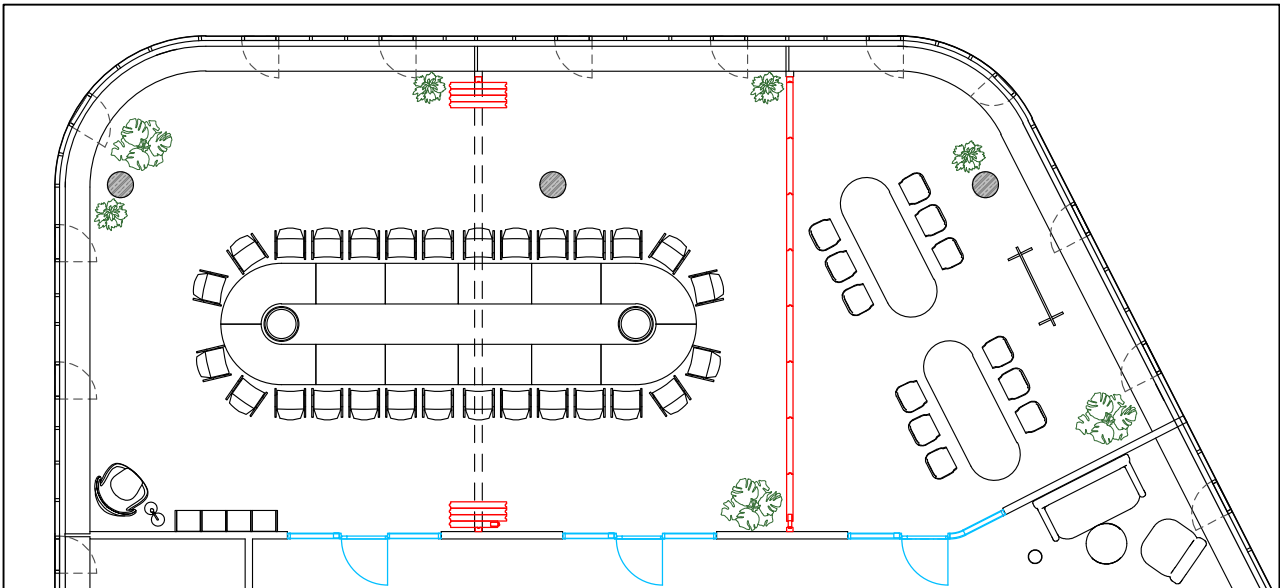


Ways to use a multifunctional hall with two movable walls

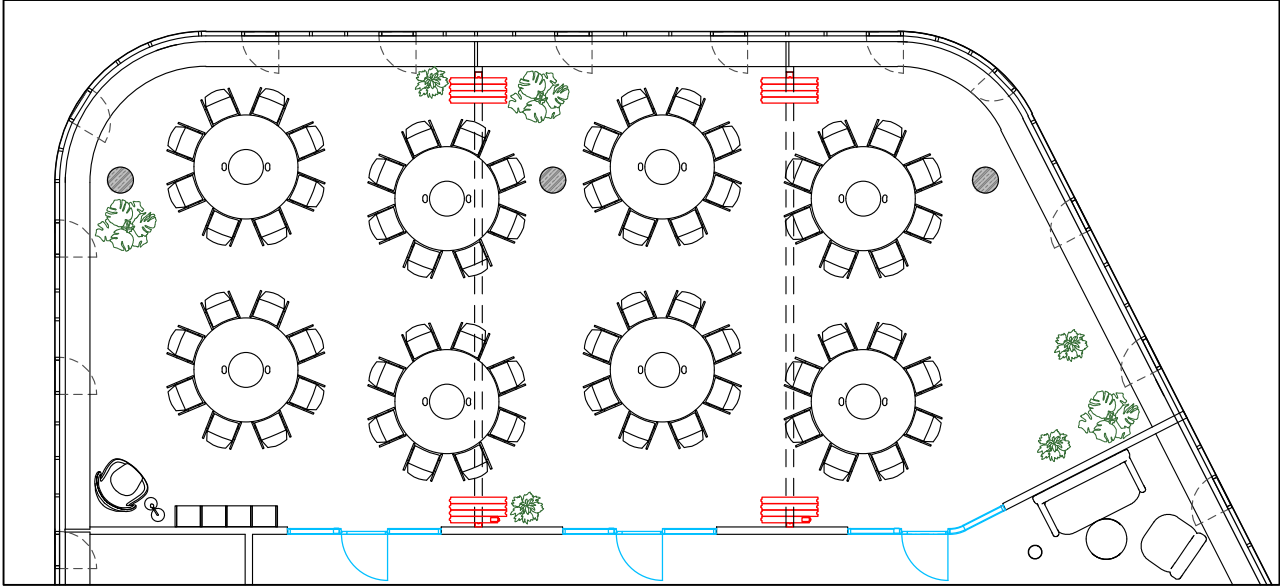
Opt. A: three separate meeting rooms



Opt. B: one large and one small meeting room



Opt. C: one large meeting room for 64 people



			
Name	Palace	Palace Glass	President
Type	solid panels	2-glass	1-glass
Sound insulation Rw*	34 – 58 dB	40 – 50 dB	- / 22 dB
Panel height	2 – 14 m	2 – 3,5 m	2 – 3,5 m
Panel thickness	80, 90, 100, 110 mm	90, 100 mm	10, 12 mm
Panel surface	laminate, veneer, metallic finishes laminated	safety glass VSG, ESG	safety glass ESG, ESG/VSG, polished edges
Panel weight **	35 – 57 kg/m ²	44 – 50 kg/m ²	30 – 35 kg/m ²
Panel control /closing	opt. 1: semi-automatic (SA) + ON/OFF button opt. 2: manual (S) closing manual		manual
Vertical panel connection	opt. 1: concealed by vertical profiles + magnetic strip for easy joining opt. 2: visible vertical profiles		opt. 1: glass-to-glass opt. 2: visible vertical profiles

* We recommend consulting on the appropriate sound insulation specification. ** Panel weight depends on the selected sound insulation Rw (dB) level.

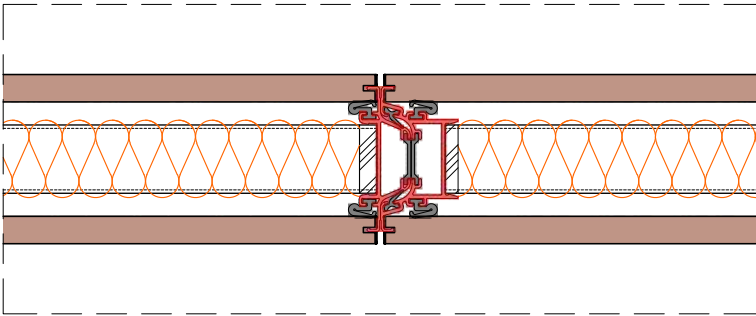
Sound insulation requirements between rooms in buildings		
Office and administrative buildings, companies	Required wall R'w (dB)	Recommended specification
Offices and workspaces with standard administrative activity, corridors	37 dB	48 dB
Offices and workspaces with higher requirements, management offices	42 dB	57 dB
Offices and workspaces for confidential meetings	50 dB	58 dB
Schools and educational institutions	Required wall R'w (dB)	Recommended specification
Classrooms, teaching spaces	47 dB	57 dB
Common areas, corridors, staircases	47 dB	57 dB
Noisy areas (workshops, canteens)	52 dB	58 dB

Module connection

Vertical connection without profile



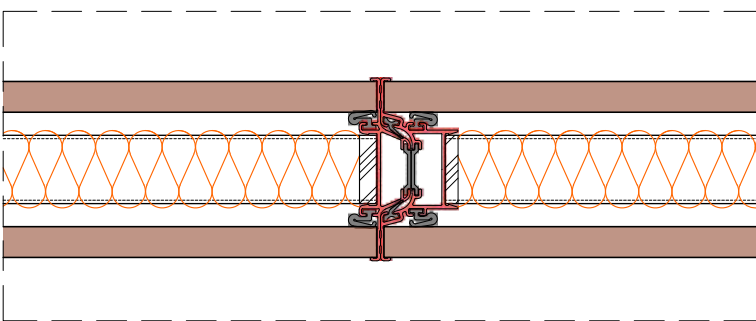
Horizontal section:



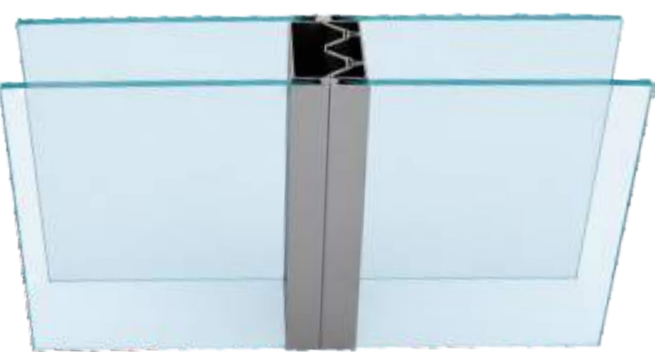
Vertical connection with profile



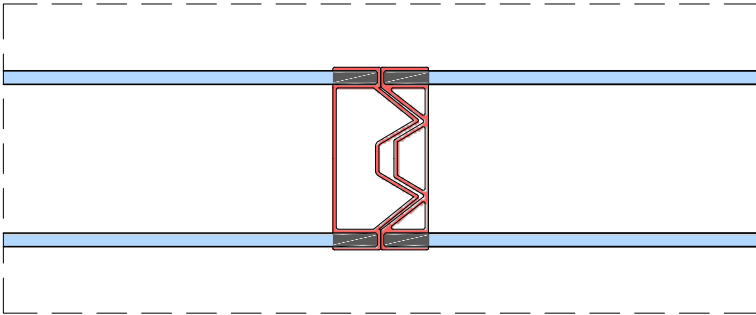
Horizontal section:



Glazed module connection type Slim



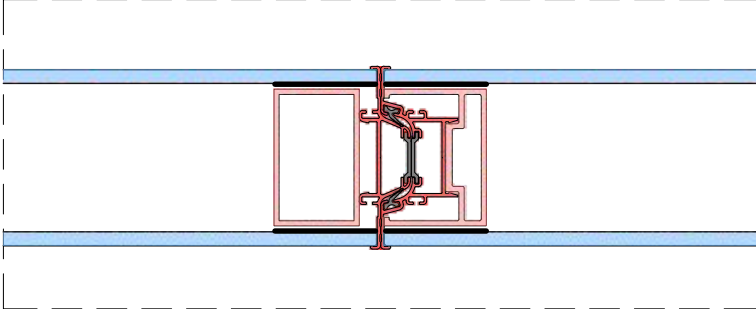
Horizontal section:



Glazed module connection type Premium

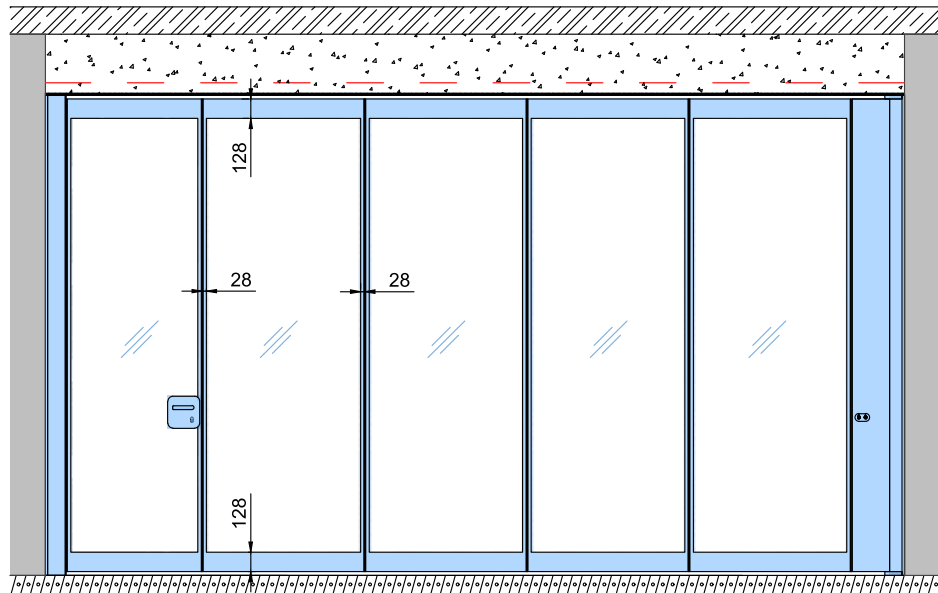


Horizontal section:

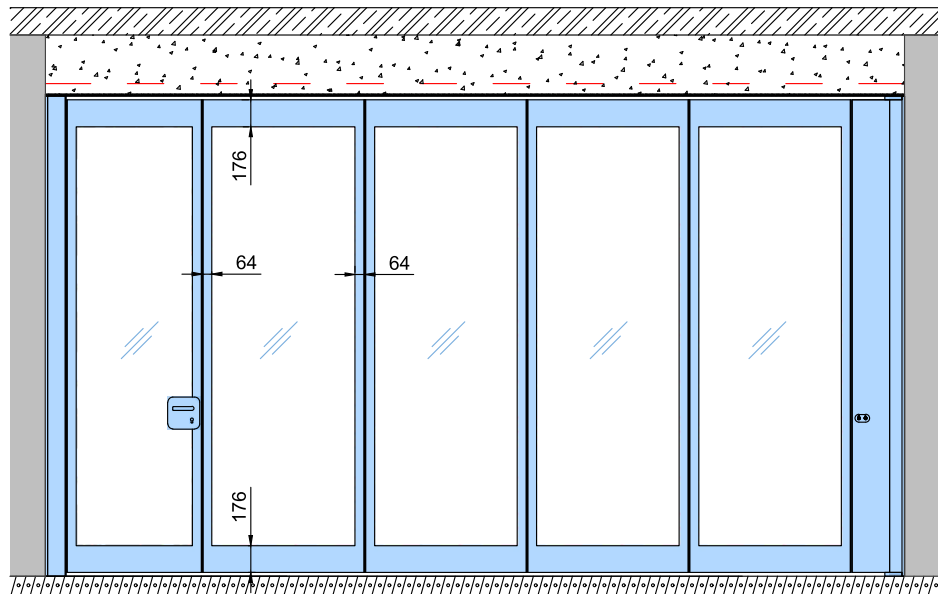


Palace Glass wall variants

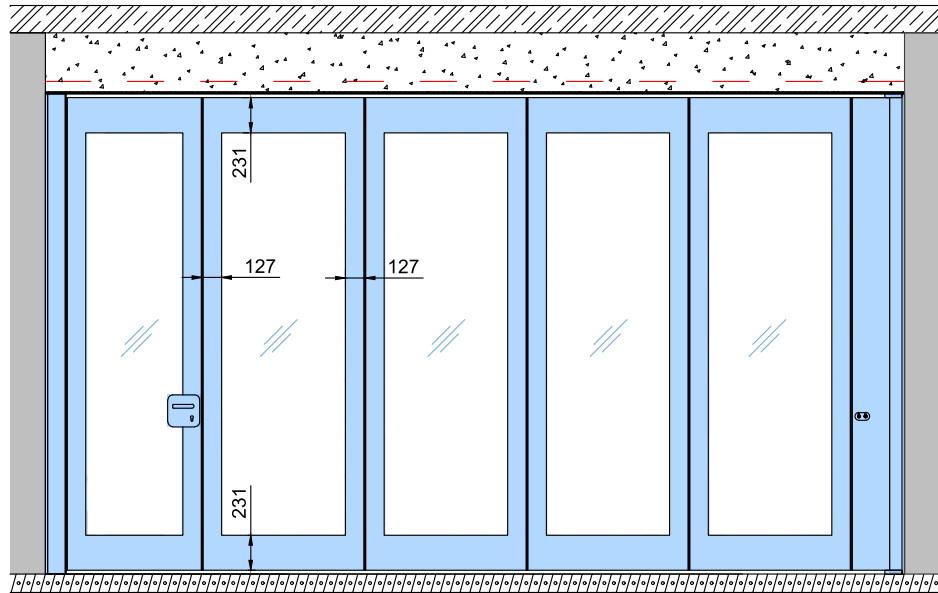
Opt. 1: Slim



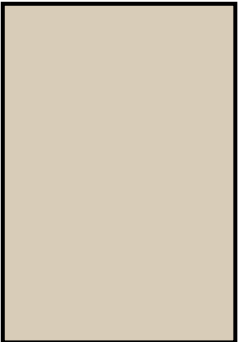
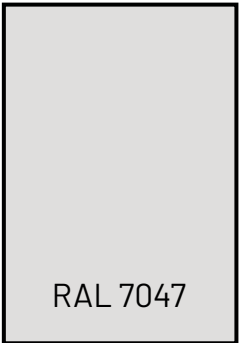
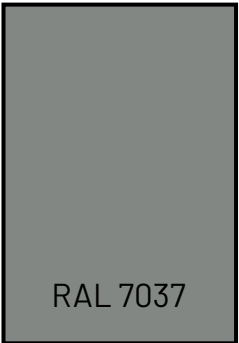
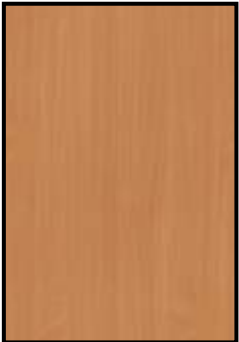
Opt. 2: Premium



Opt. 3: Standard



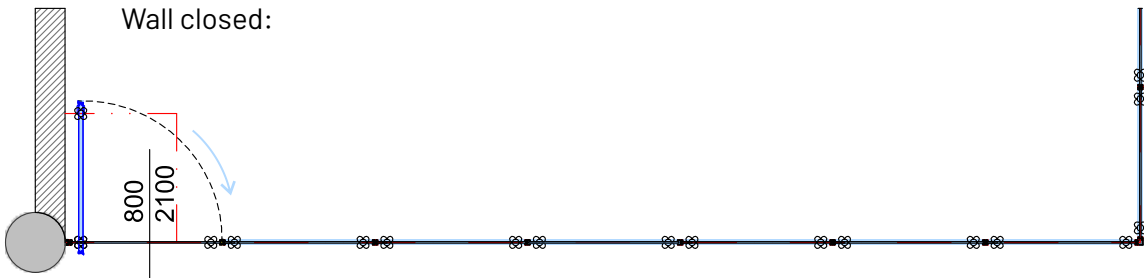
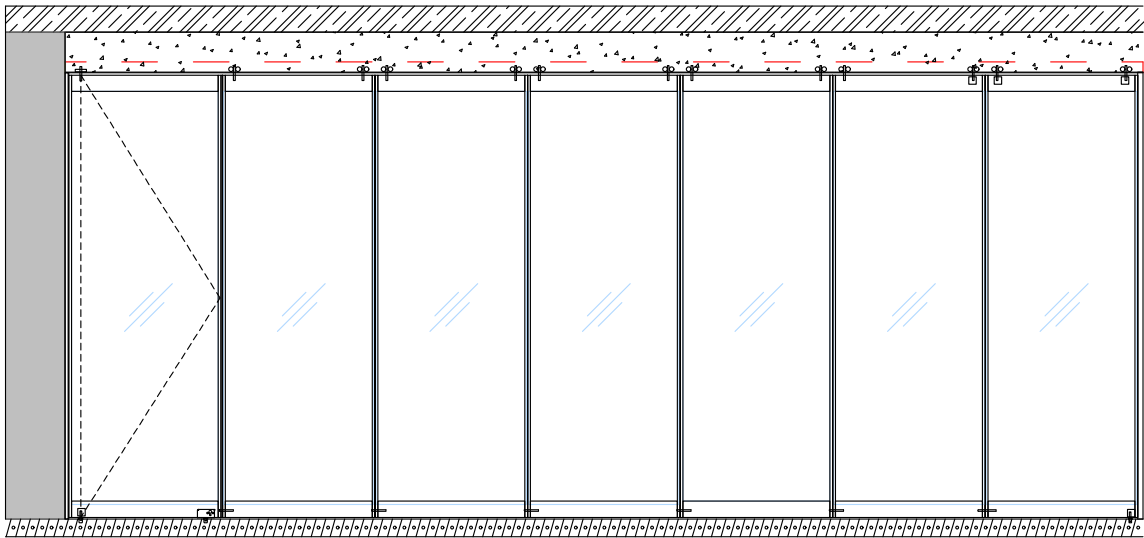
Standard finishes for solid panels*

 RAL 9016 W980 Platinum White	 RAL 9010 W911 Cream White	 RAL 9003 W1000 Premium White	 RAL 1015 U113 Cotton Beige	 U156 Sand Beige
 RAL 9001 U216 Came Beige	 RAL 7047 U708 Light Grey	 RAL 7037 U732 Dust Grey	 RAL 7024 U961 Graphite Grey	 RAL 9011 U999 Black
 H3702 Tobacco Pacific Walnut	 H1511 Bavarian Beech	 H1334 Light Sorano Oak	 H3157 Vicenza Oak	

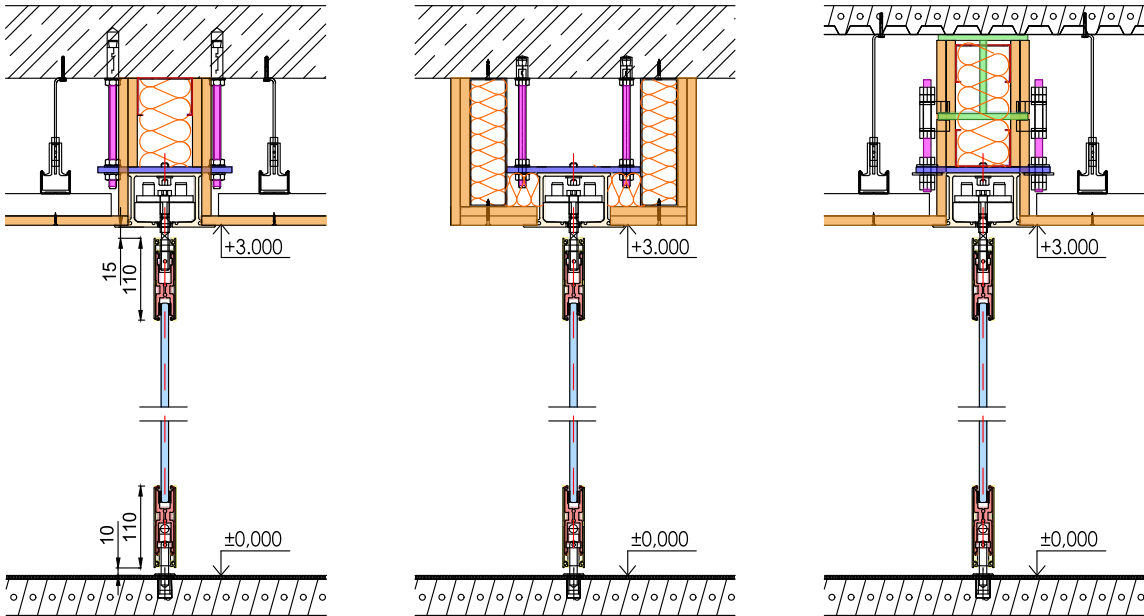
Other finishes



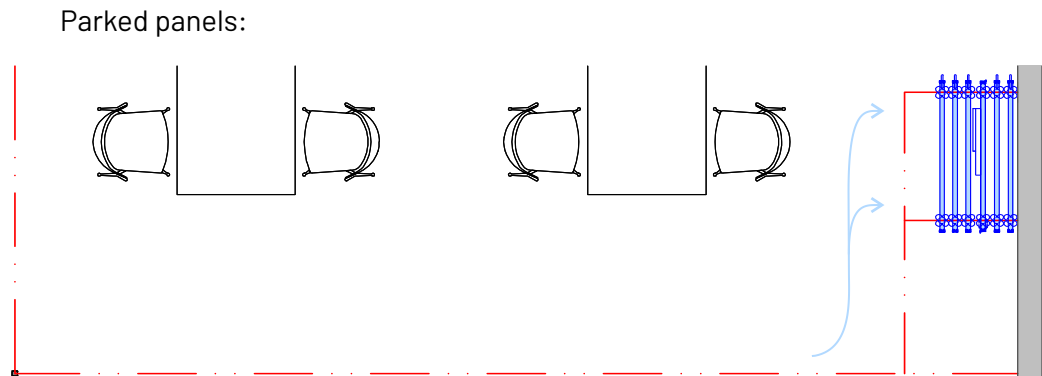
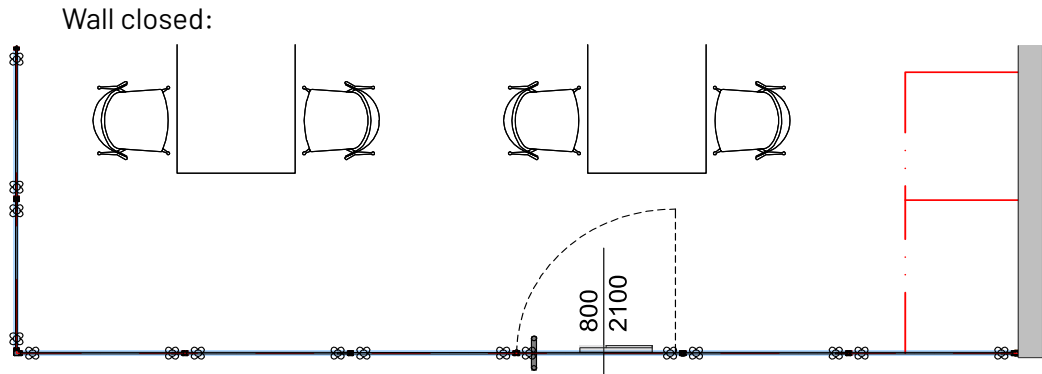
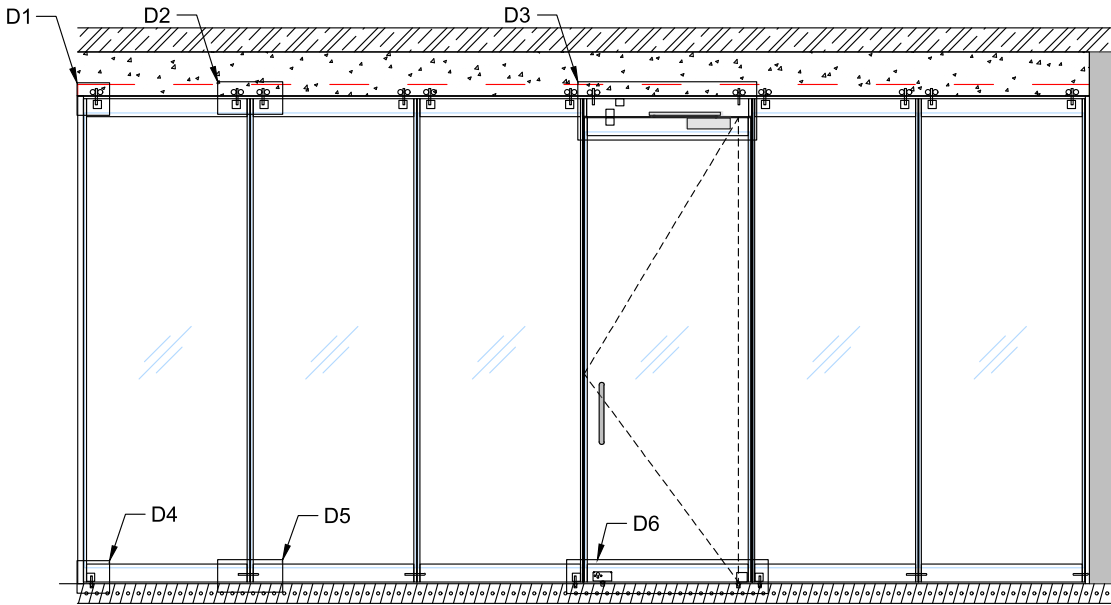
Sample **President** wall, door at the edge



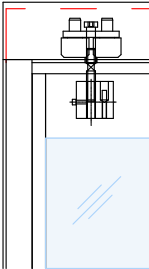
Vertical sections – anchoring of the President wall:



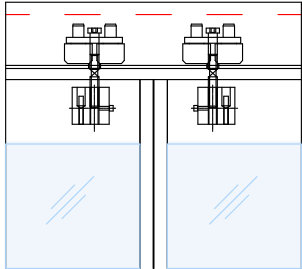
Sample **President** wall, door in the middle



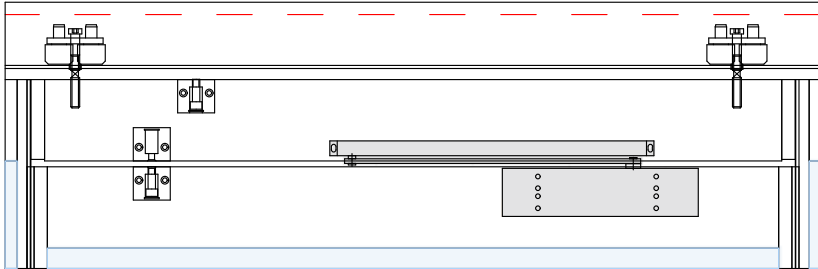
Detail D1:



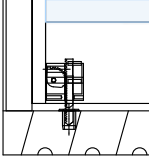
Detail D2:



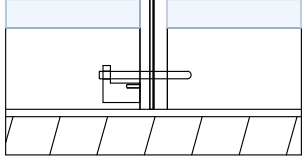
Detail D3:



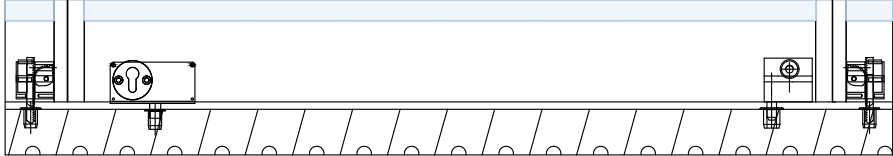
Detail D4:



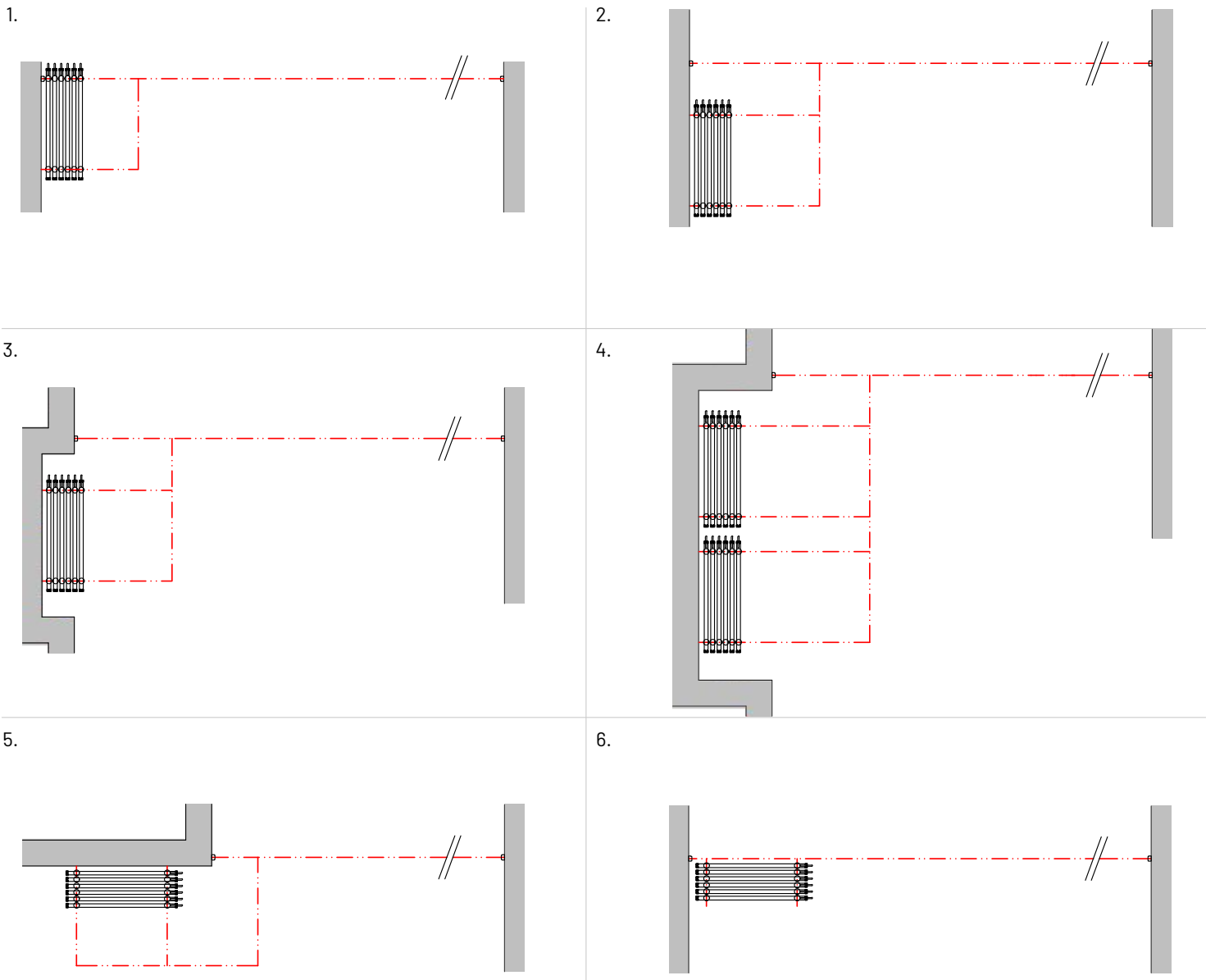
Detail D5:



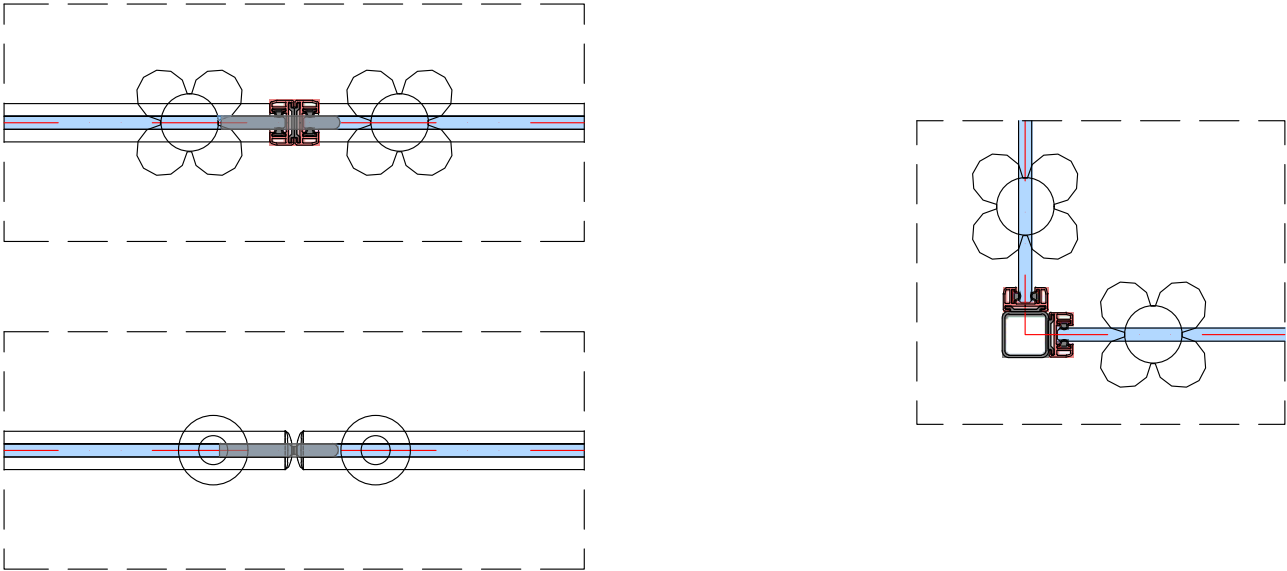
Detail D6:



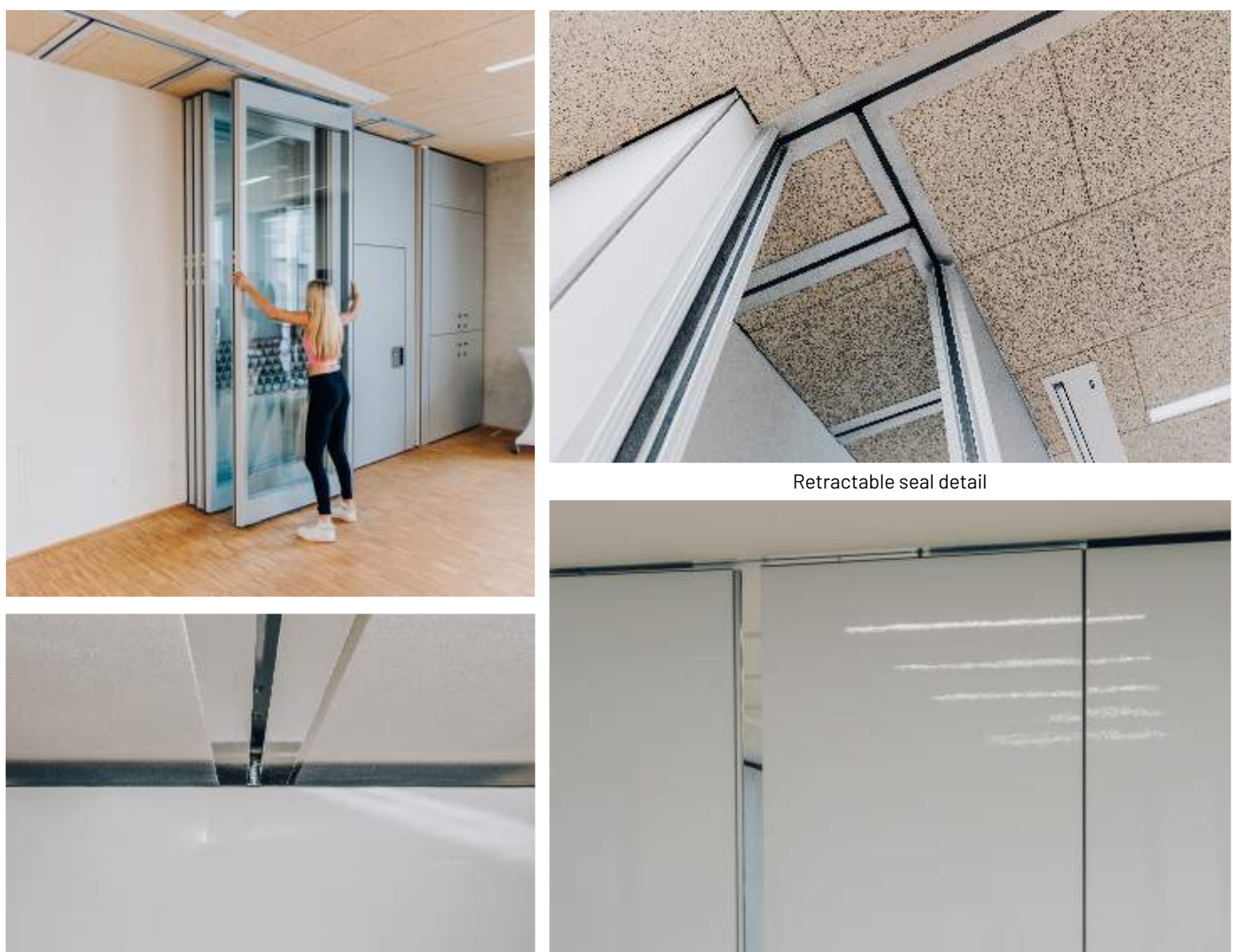
Parking variants for **President** panels



Selected details



Parking details



Retractable seal detail

Control mechanisms and door hardware

By key (semi-automatic ON/OFF)



Manual, with a handle



Manual, with a handle



Examples of door hardware



PRAGUE - BRNO - OSTRAVA - BRATISLAVA
www.dexo.cz/en

