SLIDING WALLS



INSPIRATIONAL IN SPATIAL FLEXIBILITY





BRIDGING TECHNOLOGY AND CREATIVE ROOM DIVISION

ATTACA is a modern Dutch designer and producer of high-end mobile wall systems. With its refreshing approach to design, product innovation and technology, ATTACA sells its wall systems through an extensive distribution network.

Together with our customers, we constantly work to engineer the best possible way to divide a room. In a considerate manner we focuse on getting results and building long-standing relationships. Quality, lean-thinking, best service and a proactive attitude are our guiding principles. Supported by clear agreements on delivery.

(4)





WHAT IS A SLIDING WALL

A sliding wall is a wall that can be opened or closed in a single sliding movement.

This system will make it easy to close or open rooms or openings between rooms (page 5).

The sliding walls are easy to move as they are suspended from wheeled trolleys fitted with precision bearings (page 15).

ATTACA sliding walls are available in 4 types, each with their own characteristics (pages 6 and 7). The walls can be made as a corner solution, in a cabinet or in front of a wall (pages 8 and 9). Pages 10 and 11 describe the various versions in different sizes. For sound insulation values, drag strips are applied. But for the benefit of an additional acoustic seal and/or additional stability, the walls can also be provided with telescopic top and bottom seals (pages 6 and 7). These can be driven both manually and electrically (pages 12 and 13).

WHY CHOOSE ATTACA SLIDING WALLS?

The sliding walls from ATTACA are the result of years of experience and product innovation. High-end ease of use, durability and quality provide significant added value to our room dividers.



The excellent quality of the operating mechanisms, the aluminium alloys and the tracks, wheeled trolleys, hinges and locks result in high convenience for the users. We offer an impressive (and unique!) 10-year warranty on the manual scissor mechanism.

Thanks to this combination of technical expertise and creative know-how, ATTACA successfully inspires distributors, architects and end-users throughout the world with its sliding walls.











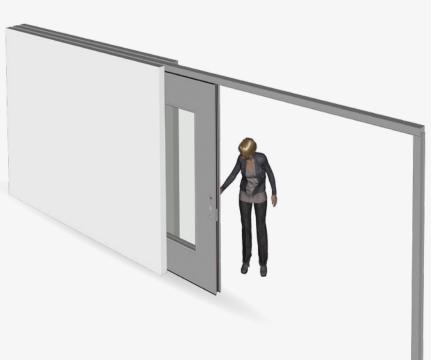






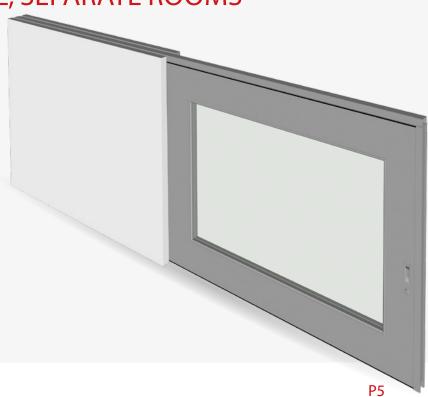
OPEN WALL; SINGLE SPACE

ATTACA sliding walls allow you to fully open relatively large openings between rooms in one single movement.



CLOSED WALL; SEPARATE ROOMS

Sliding walls allow you to create various separate rooms, easily and quickly. Possible additional options, as described on page 11, will increase the ease of use.





The ATTACA S70 has been developed with a focus on minimum thickness, but is still provided with an aluminium frame to avoid warping. This is a great advantage to wood sandwich panels.

♠ Cylinder lock (optional)

The ATTACA S90 is the thinnest sliding wall that allows you to integrate extra acoustic seals, such as telescopic top and bottom seals.

B Manually operated (optional)



The ATTACA S110 is the sliding wall that offers the most possibilities when it comes to today's aesthetic, technical and acoustic requirements (also see the matrix on P11).

© *Electric operation (option)*

This ATTACA sliding wall has the same extensive capacities as the S110, but has a heavy-duty steel frame allowing for large glass panels.

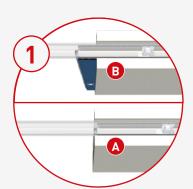
① Cylinder lock (optional)





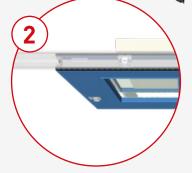
OVERVIEW OF POSSIBILITIES

The illustration below provides an impression of the various versions and sizes, possibly combined with an inset pass door, (extra large) glass openings, etc.



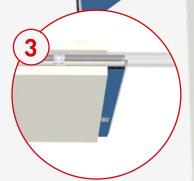


By lightly pushing against the wall, the sliding wall will come forward automatically, so that you can simply grab the handle.



In front of the wall

Sliding in front of a wall is the simplest form of parking. The sliding wall remains fully visible.



In the wall

By sliding a sliding wall between two walls you will create the most beautiful form of parking. The sliding wall will fully or almost fully disappear between two walls.

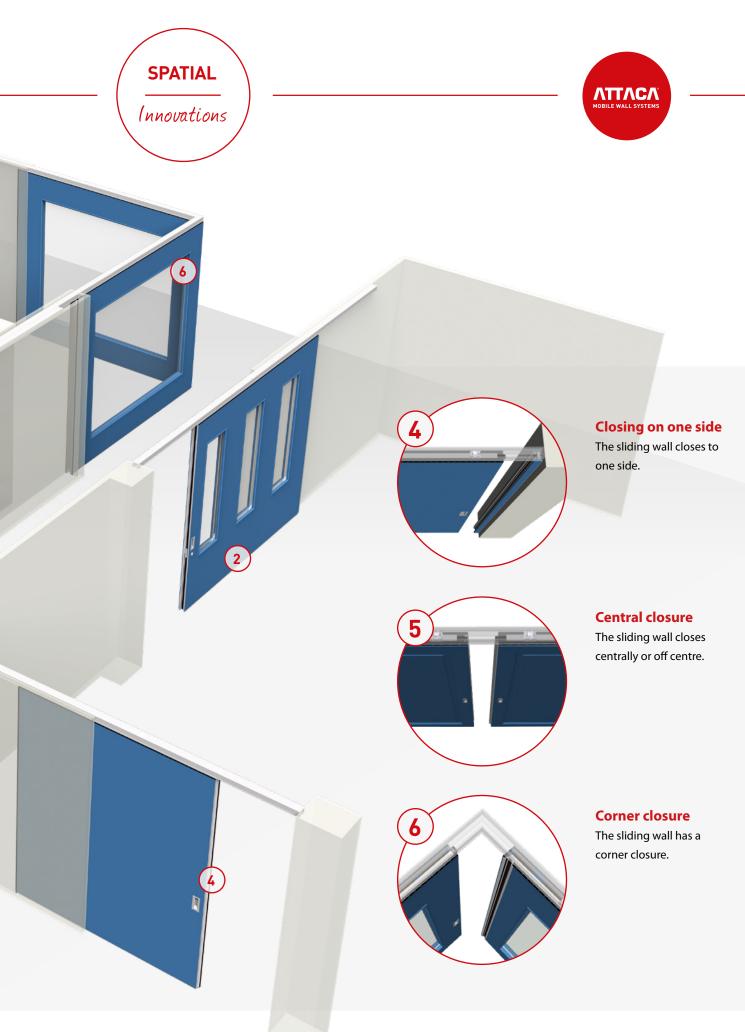
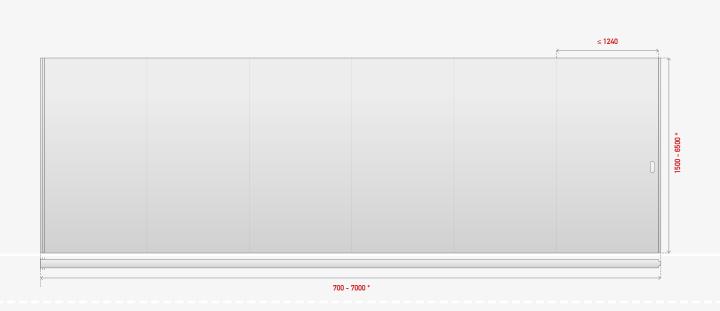


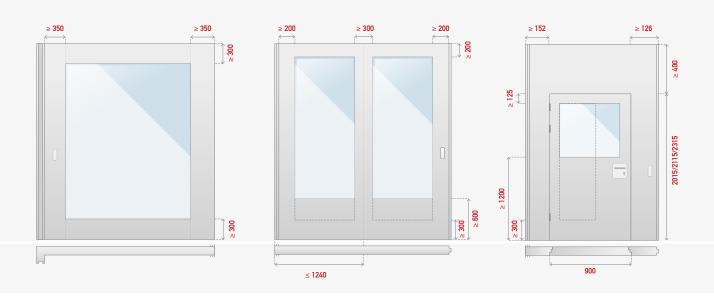




ILLUSTRATION SLIDING WALLS

The illustrations below provides an impression of the various versions and sizes, possibly combined with an inset door, (extra large) glass panel, etc.









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SLIDING WALL MATRIX

A sliding wall is in fact one system that can be supplied in different versions, thanks to a large number of options. In the matrix below you can find the different systems and their options. Deviations are possible upon request.

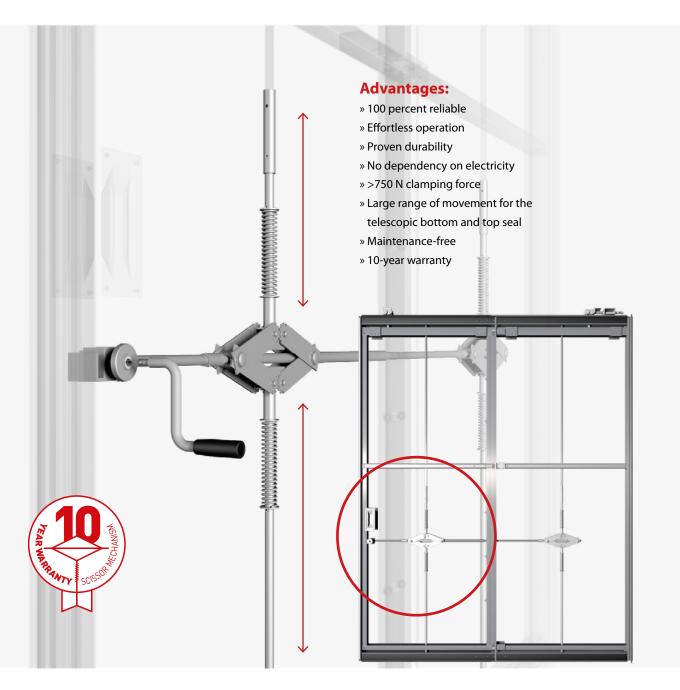
	abbreviatio	870	290	5110	S110g	See page
	Magnetic closing seal	0	0	•	0	8-9
	Cilinder lock cl	0	0	0	0	6-7
	Top and bottom drag seals	0	0	0	0	6-7
	Manual operated telescopic seals **	×	0	0	×	6-7
TT-*	Electric operated telescopic seals **	×	0	0	×	6-7
	Single wing sw	•	•	•	•	8-9
	Double Wing dv	0	0	0	0	8-9
	Corner wing cv	0	0	0	0	8-9
	Sliding in front of wall	0	0	0	0	8-9
	Sliding in between walls	•	•	•	•	8-9
	Inset door ipo	0	0	0	0	
	Push out system	0	0	0	0	8-9
	Aluminium welded frame	•	•	•	×	
	Steel welded frame	×	×	×	•	
	Panneling	10	10	18	18	
	Acoustic panelling	×	×	0	×	
	Glass per panel	0	0	0	×	8-9
- 0090 - 0900	Large glass panel	×	×	×	•	8-9
1500	Max. height (mm)*	3050	3050	6500	3500	
	Max. width (mm)*	3500	5000	7000	5000	
	Sound proofing	-/+	-/++	+/+++	-/++	22
	Wall thickness (mm)	70	90	105	105	
	 = Standard	s)				
700 - 7000 *						





MANUALLY OPERATED SCISSOR MECHANISM

The manually operated scissor mechanism that provides the sliding wall with an acoustic seal is a true ATTACA speciality. This optional technology is available for types S90 and S110.

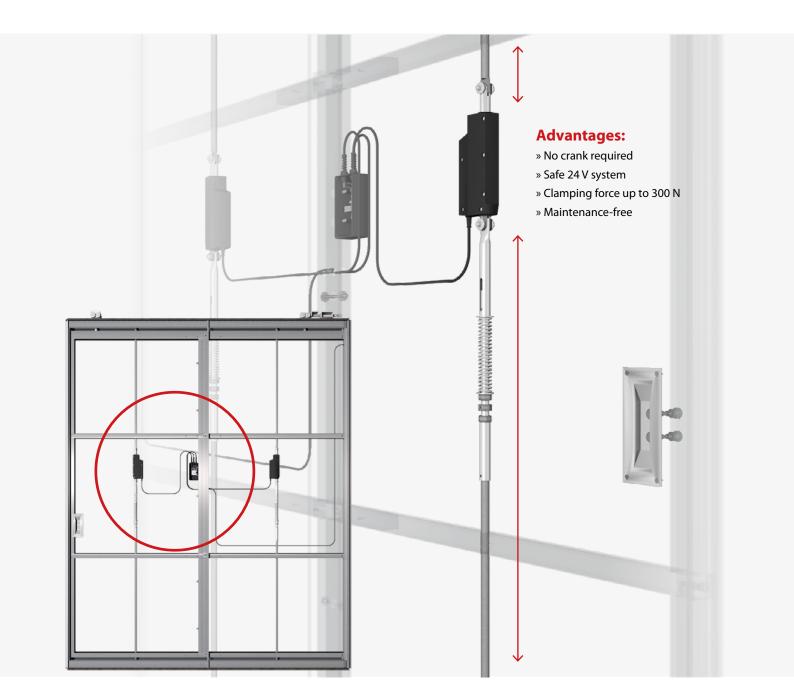






ELECTRICALLY OPERATED TELESCOPIC BOTTOM AND TOP SEAL

The telescopic bottom and top seals are electrically operated by means of actuators.





PROVEN TECHNOLOGY YOU CAN TRUST

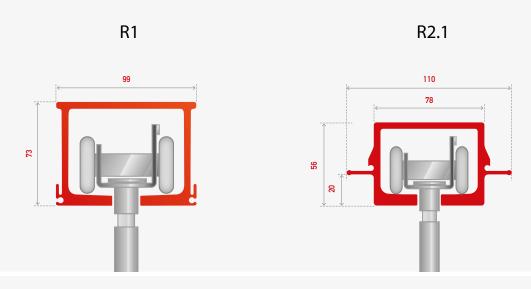


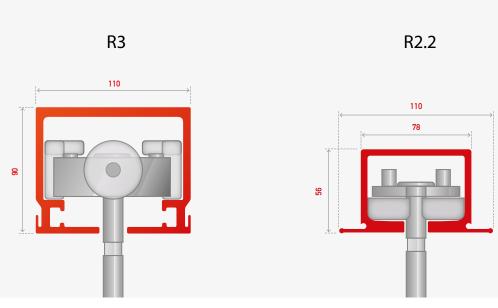




TRACK SYSTEM

The optimal track system depends on the weight, the parking system and the height of the wall.



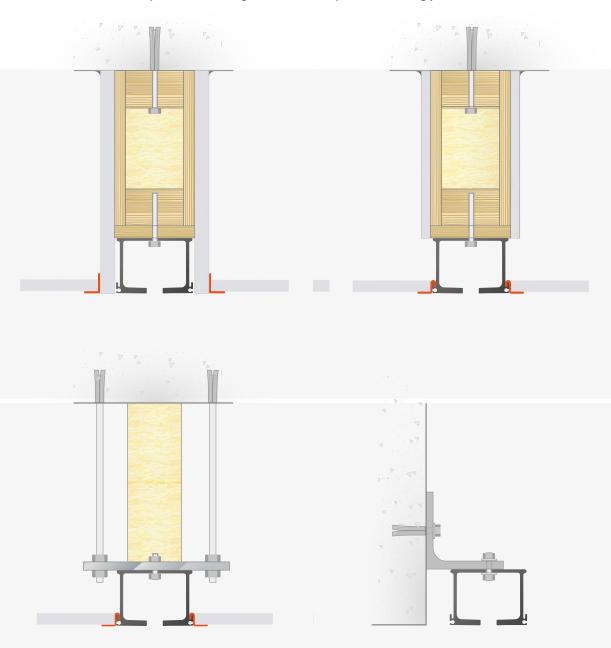




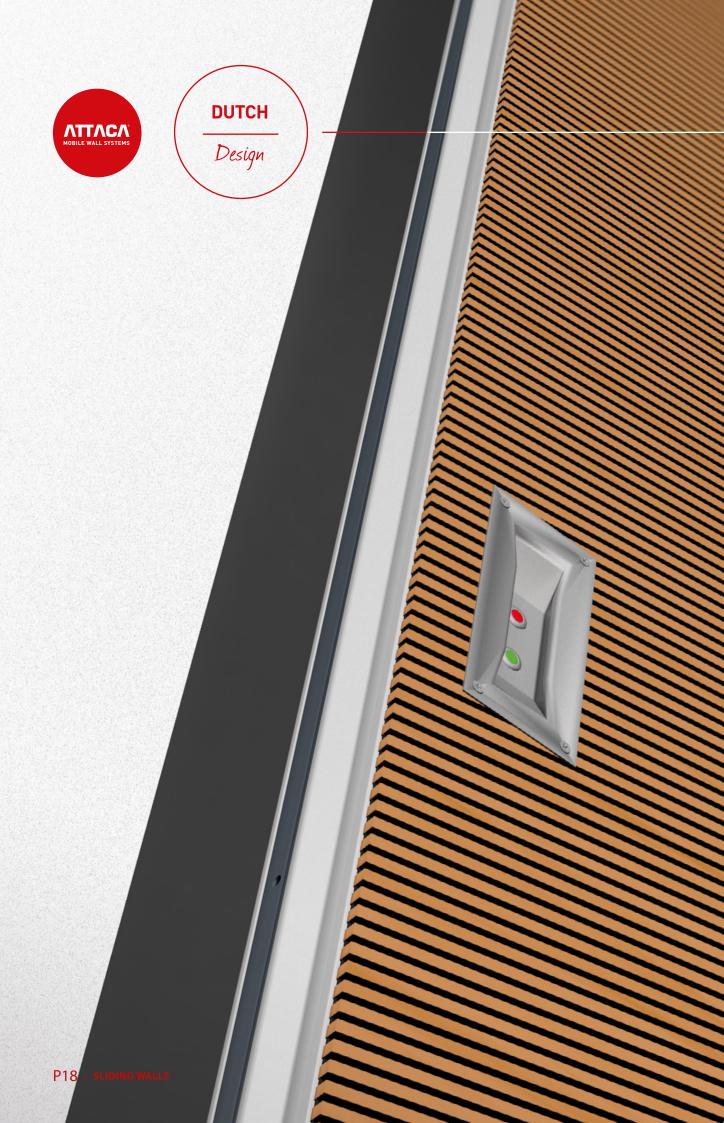


FASTENING METHOD AND CEILING JOINTS

The way the track systems are attached plays an essential role in successful sliding wall function. A number of examples of fastening methods and possible ceiling joints are shown below.



Track type R1 has been used in these examples, however the other track types can also be used in these configurations, which are no more than a small selection from the total range of possibilities.







FUNCTIONAL FINISHES WITH AN EYE FOR DESIGN

ATTACA moves with the trends in the fields of functionality and design.

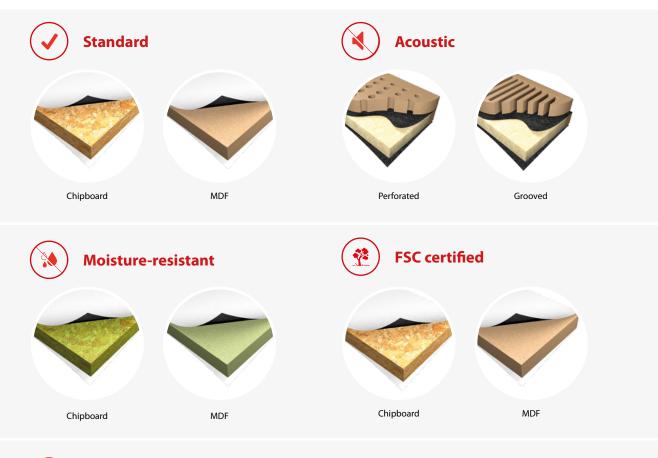
Finishes with acoustic groove panels are a good example of this. In addition to the soundproofing core of the wall, the groove structure will provide extra sound absorption and beautiful visual effects.





BASE PLATING

The self-supporting aluminium structure of the sliding wall is finished by attaching plate panels to both faces. Its selection depends on the user requirements and the environmental factors.











FINISHING TOUCH

The base panel of the sliding walls can be finished with an almost infinite range of trim options. The choice not only depends on design preferences, but also functions like fire resistance, sound insulation etc. Let us advise and inspire you. Also for highly individual designs.



Special finishes

- 1 Antibacterial
- ② Mirrors
- 3 Digital prints
- 4 Leather
- **5** Profiled trim
- **6** Wood (veneer)
- Magnetic board
- 8 Fabric

- Metal
- 10 Whiteboard
- 11 Hard plastic (HPL)
- 12 Melamine





TECHNICAL PERFORMANCE IN DETAIL

The standard ATTACA sliding walls consist of four types. S70, S90, S110 and S110g. The differences lie in the thickness of the walls. The thickness will in fact determine which options are available. Also when it comes to extra sound insulation or extra stability.

Sound insulation

The sound insulation values depend on mass, bending weakness, rumble reduction, absorption and the sealing of cracks. The structure of the wall is therefore established specifically for each client. In this way almost any required result can be achieved.

We subdivided the sliding walls into 5 groups:

- visual divider (0 - 20 dB)

• some degree of damping (36 – 39 dB)

+ = reasonable damping (40 – 44 dB)

++ = good damping (45 - 49 dB)

+++ = Best possible achievable result (50 – 53 dB) (Possibly even higher with sandwich constructions)

As a rule of thumb, 46 dB is considered to be adequate for meetings.

Weights

Approximately $30 - 70 \text{ kg/m}^2$, depending on the sound insulation value and finish.

Resistance

Waterproof floor connection Chipboard panelling cannot withstand long-term exposure to moisture. The panels can optionally be made from a moisture-resistant material.

Flammability

Not flammable in standard versions. Low-flammability MDF is available as an option.

Trim panel

The trim panelling complies with the EN14322 and EN14323 standard. This standard specifies the tolerances for the panelling in terms of damage, flatness, thickness etc.

Design details

The bearing structure should be sufficiently strong, rigid and level, taking into account the total weight of the sliding wall.

Repair

All parts can be replaced.

Maintenance

Clean the surfaces with a solvent-free cleaning agent. Consult your supplier for technical maintenance instructions.

Warranty

2-year factory warranty. 10-year factory warranty on the scissor mechanism.

Delivery

Worldwide





MORE FROM ATTACA!



PANEL WALLS

In addition to sliding walls, ATTACA also supplies a wide range of mobile panel walls. These have a modular structure and are available in various designs.



GLASS WALLS

In addition to panel walls, ATTACA also supplies a complete range of glass walls. Offering functionality that ranges from purely optical to high sound-absorbency.



FOLDING WALLS

The fastest way of dividing your space. Ranging from single-wall folding walls to double-wall folding walls that offer excellent sound insulation quality for meetings.



