MOBILE PANEL WALLS



INSPIRATIONAL IN SPATIAL FLEXIBILITY



Exceptional features

- ① Sound-reducing materials ② Many panel finish options
- 3 Formaldehyde-free sound absorption 4 Telescopic wall seal
- **5** Telescopic top and bottom seal



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.





WHAT IS A MOBILE PANEL WALL?

A mobile panel wall is a wall that can be moved easily. An apparently permanent wall, which can be used flexibly thanks to modular construction. As a result, you can easily create one or more spaces (page 5).

You can compose each panel wall to your own specifications based on modular building blocks (pages 6 and 7). Optional access doors in various designs provide even greater flexibility (page 8).

The individual panels can be parked in dierent ways, or concealed in niches or storage compartments (page 9). The near-infinite variety of walls and flexible spaces that can be created using the wall system building blocks and various parking configurations is clearly and transparently illustrated on pages 10 and 11.

When closed, the telescopic seals at the top and bottom of the wall create a stable and soundproof barrier. You can opt for either manually or automatically operated seals. The choice is yours (pages 12 and 13). The panels are easy to move as they are suspended from wheeled trolleys fitted with precision bearings (page 16). Our broad range of finishes means that almost any desired visual e ect can be achieved (page 21).

WHY CHOOSE ATTACA PANEL WALLS?

The panel walls from ATTACA are the result of years of experience and product innovation. Each and every detail focuses on quality, convenience and durability. We of er an impressive (and unique!) 10-year warranty on the manual scissor mechanism.



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. Furthermore, ATTACA's international orientation guarantees you a product that faithfully follows trends in interior design and architecture.

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











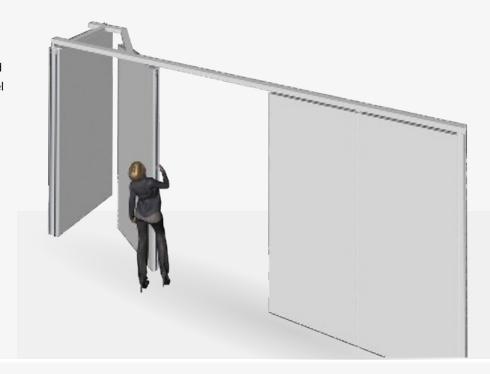






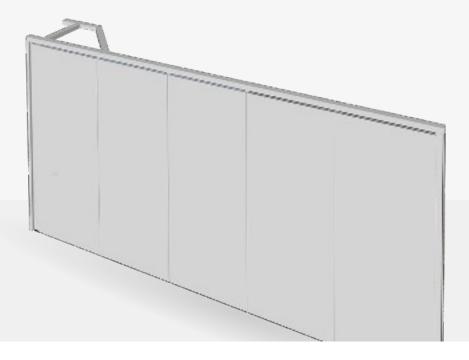
OPEN WALL; SINGLE SPACE

The ability to play with space o ers opportunities for an optimum return, e ciency and sustainability. The mobile panel walls move with your needs. They can easily be relocated to a new position by a single person.



CLOSED WALL; MULTIPLE ROOMS

New spaces appear and disappear with the same ease and convenience. If required, in association with high sound insulation performance. Glazed openings or access doors can be specified for greater flexibility and transparency.

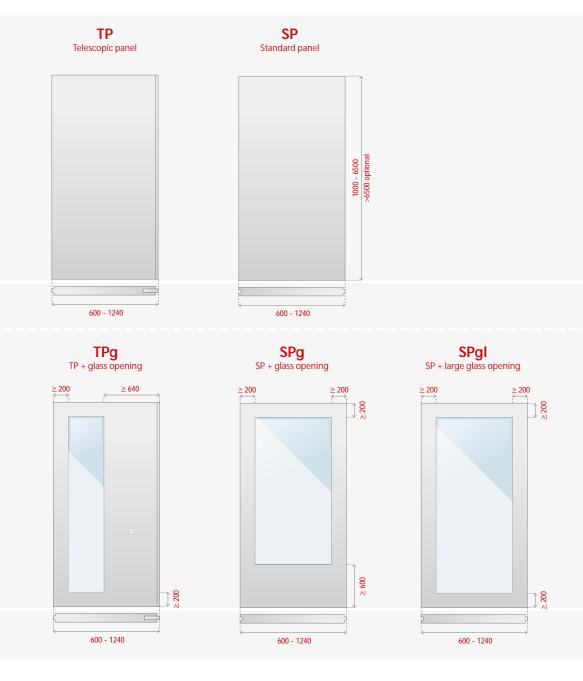






PANELS AS BUILDING BLOCKS

When constructing a mobile panel wall, you can use the panels illustrated below as building blocks. This is a summary of the most commonly used designs and options, including access doors (see page 8).





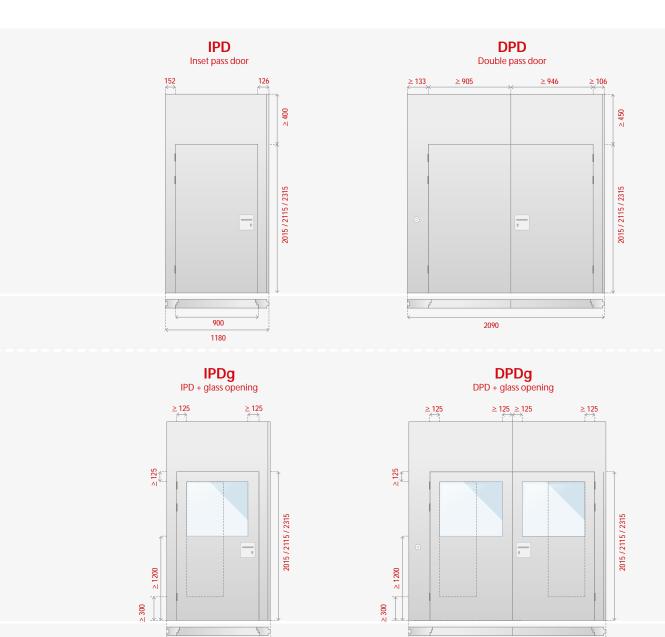








DOORS FOR EVEN GREATER FLEXIBILITY



2090

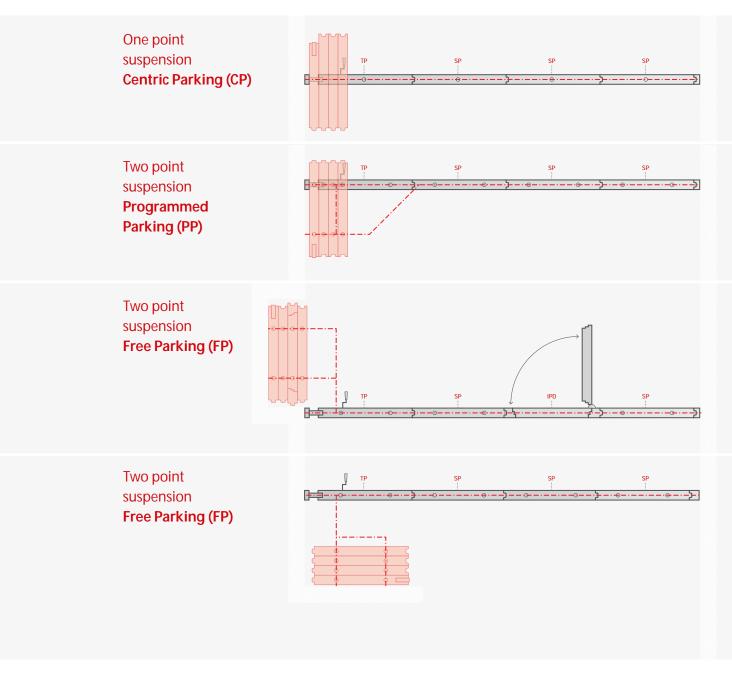
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PARKING CONFIGURATIONS

The separate panels can be individually transported to an optional parking position as shown below. An illustration showing practical examples has been included on the following page. It clearly shows the dierent configurations that are possible in practice.

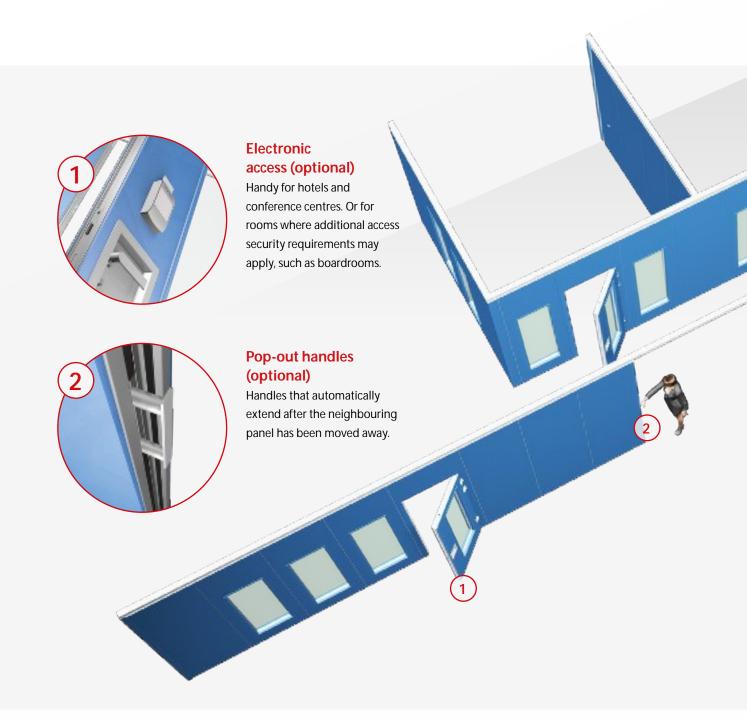


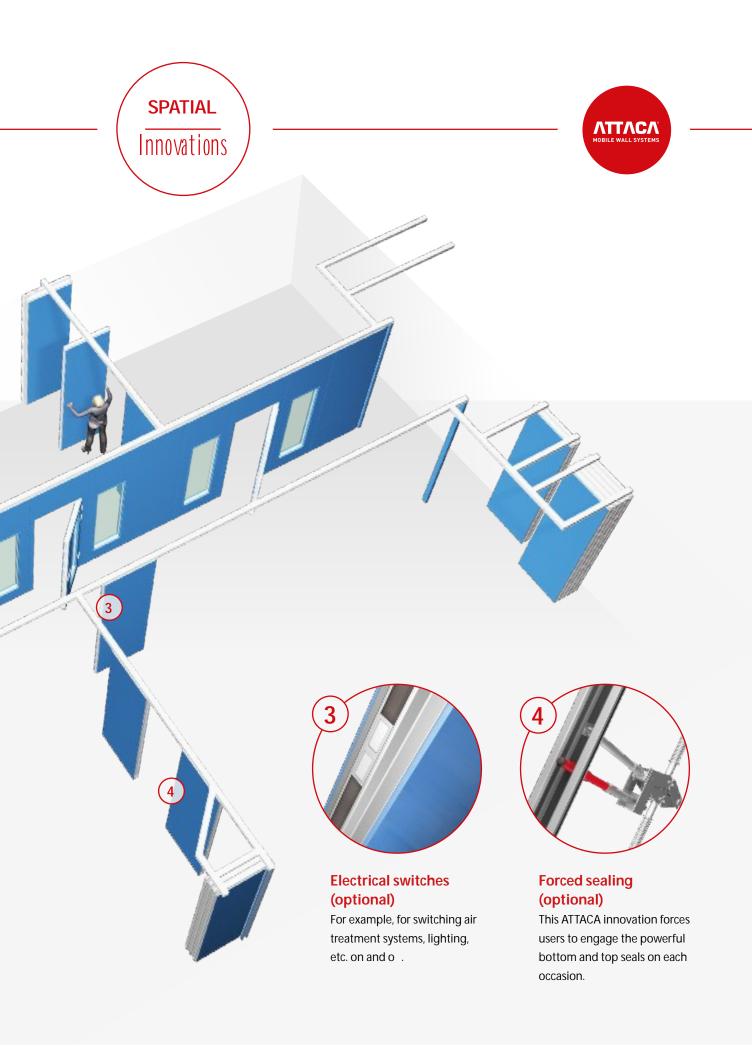




OPTIONS IN PERSPECTIVE

The illustration below provides an impression of how the building blocks can be combined in various ways, including various parking positions, storage possibilities and access doors.



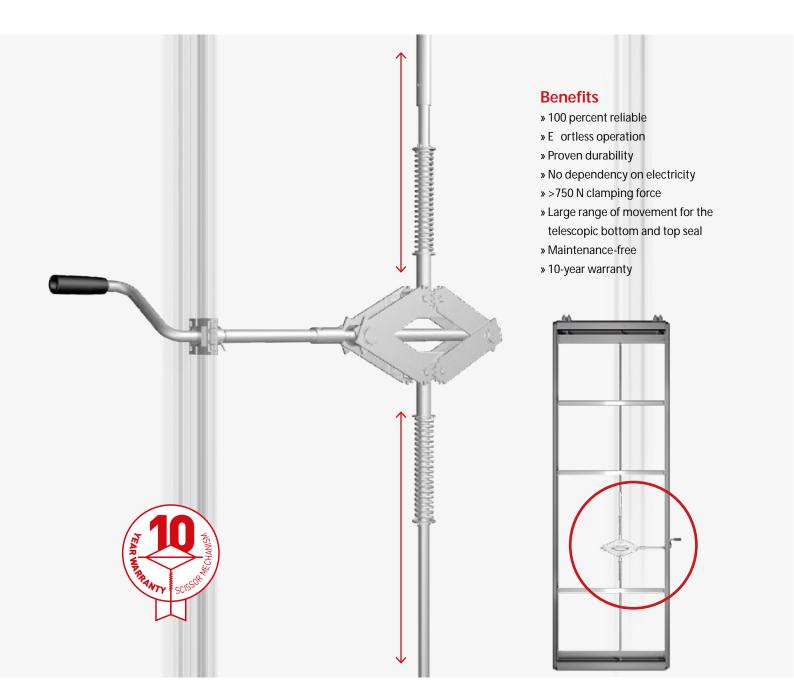






MANUALLY OPERATED SCISSOR MECHANISM

The scissor mechanism, which allows you to clamp the panels in place easily and simply, is a true ATTACA speciality. It is the most robust system on the market. So it is hardly surprising that we o er a 10-year warranty on this component.

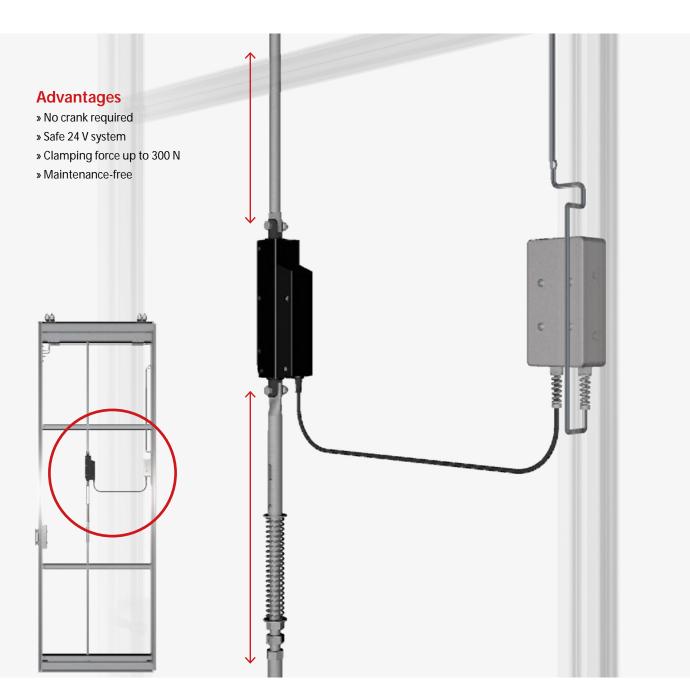






ELECTRICALLY OPERATED TELESCOPIC BOTTOM AND TOP SEAL

In the case of semi-automatic operation, the top and bottom seals are electrically powered.





PROVEN TECHNOLOGY YOU CAN TRUST

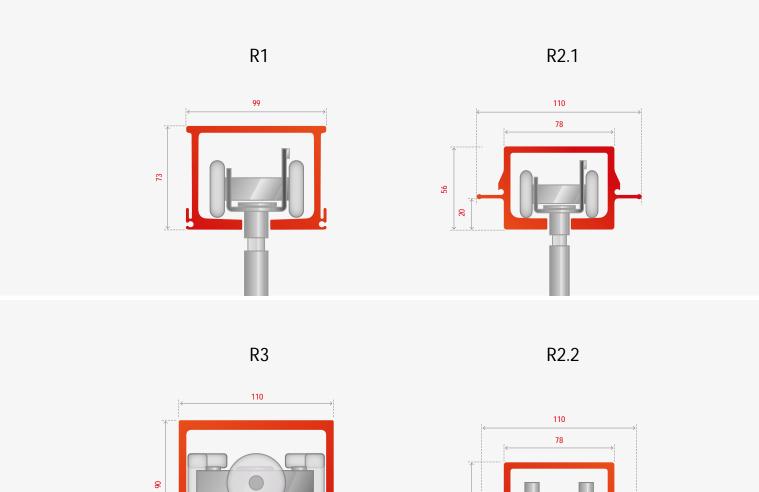






TRACK SYSTEM

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

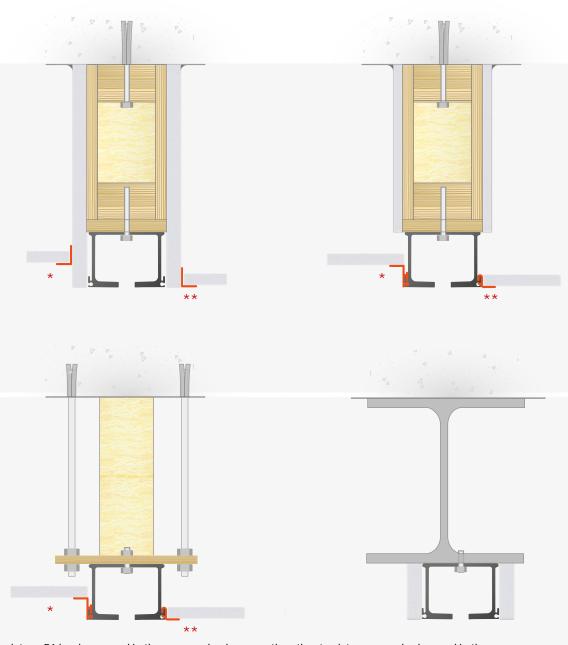






FASTENING METHOD AND CEILING JOINTS

The way the track systems are attached plays an essential role in successful wall functioning. 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.

^{*} To be used with parking configuration CP (page 9)





Dichard Nature See

DISTINCTIVE **FINISHES**

Attaca is innovative in its use of finishing techniques and finishing materials. Attention to detail, and a keen eye for trends and design have resulted in various unique wall finishes, including the use of leather or artificial leather (Chesterfield look). Other examples include special products for schools or boardrooms with finishes that mimic whiteboards or pin boards. What about specially designed digital prints on the panel skin?







FROM BASIC SHEET MATERIAL TO FUNCTIONALITY

The self-supporting aluminium structure of the panel wall is finished by attaching trim panels to both faces. The choice of base panel depends on the type of use and environmental conditions.





Chipboard MDF





FINISHING TOUCH

The base panel can be finished with an almost infinite range of trim options. The choice not only depends on design preferences, but also requirements relating to function, scratch-resistance, hygiene etc. Also for highly individual designs. Let us advise and inspire you.



Special finishes

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

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





TECHNICAL PERFORMANCE IN DETAIL

P90 and P110 mobile panel walls. The mobile panel walls from ATTACA are available in two types; the P90 and the P110. The dierences lie in the visible or concealed tongue and groove profiles and in the thickness of the panels. The concealed dierences lie in the thickness of the chipboard and the various rubber seals. In terms of specifications, the P110 carries on from where the P90 stops. This relates to the possible heights, sound insulation values, finishing options and strength.

Dimensions

Panel width: Minimum of 600 mm and maximum of 1240 mm.

Panel height: Minimum of 1000 mm, maximum of 3300 mm for the P90 and 6500 mm for the P110. Higher than 6500 mm subject to enquiry.

Panel thickness:~90~mm for the P90 and~105~mm for

the P110.

Wall width: Unlimited.

The package dimensions can be inferred from the panel width and the total number of panels.

Sound insulation

Values of 38 to 57 dB Rw for the P110 and 37 to 46 dB Rw for the P90.

The specified sound insulation values have been achieved in laboratory tests. The values always di er in practice. This di erence can be explained by the acoustics in the room, construction-related conditions, external sound sources, edge sealing, the use of access doors, etc. As a rule of thumb, 46 dB Rw is considered to be adequate for meetings. Visual partition (0-20 dB), some sound insulation (36-39 dB), reasonable sound insulation (40-44 dB), meeting quality (45-47 dB), very good meeting quality (48-50 dB), best possible sound reduction (51-57 dB).

Tongue and groove profiles.

The vertical aluminium tongue and groove profiles are tapered and feature rubber seals and a 32 mm wide magnetic strip (exerting an attraction force of 14.4 kg/linear metre for optimum sealing between 2 panels). In the case of the P110, these profiles are concealed, meaning that no aluminium profiles are visible when the wall is in the closed position. In the case of the P90, a perimeter profile is used, which remains in plain view. A visible profile (perimeter profile) can also be used for the P110.

Weights

Approximately 30-70 kg/m², depending on the sound insulation value and finish.

Resistance

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

Flammability

Not non-flammable as standard.

Low-flammability chipboard is available as an option. Optional availability of 30-minute fire resistance for the P110. Tested according to NEN 6069.





MORE FROM ATTACA!

Trim panel

10 mm thick for the P90 and 18 mm thick for the P110. 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 support structure must be adequately strong, rigid and level and capable of supporting the complete weight of the wall.

Repair

All parts can be replaced. The trim panelling can easily be renewed.

Maintenance

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

Warranty

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

Delivery

Worldwide.



GLASS WALLS

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



SLIDING WALLS

Clients who prefer to slide the walls as a single unit in a straight line choose ATTACA sliding walls. Ranging from simple sliding doors to high-quality walls of excellent technical and visual quality.



FOLDING WALLS

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



