



PALACE XXL SLIDING WALL

# palace XXL sliding wall



PARTHOS

**PARTHOS**  
designed  
for space

palace XXL sliding wall



# Optimal use of Palace

Parthos has been the worldwide leading manufacturer of mobile space solutions for more than 45 years. We believe in making optimal use of every square metre and we do literally offer you "space".

The most modern production technology, in combination with our own R&D department, deliver sustainable and high-quality products. Parthos was the very first company in this sector to receive an ISO 9001 certificate in the area of movable walls for a reason.

Your space, fully utilized, always in motion, multifunctional. The Parthos XXL sliding wall is a double-walled soundproofing sliding wall which allows you to make optimal use of your space. You can easily divide the space into smaller units. From schools to theatres to conference rooms, the Palace XXL sliding wall can be effortlessly adapted to every situation.





# of space with the XXL sliding wall

The Palace XXL sliding door is constructed from a hollow steel frame fitted with panels of a minimum 16mm thickness on both sides. The individual panels are joined together using the tongue and groove system. The ends of the panels are fitted with vertical aluminum profiles with rubber seals and a magnetic strip. Both the top and the bottom edges of the panels are equipped with rubber drag strips. There is also the option of fitting the wall with acoustic pressure sleeves as with Palace panel walls, to achieve a higher level of soundproofing. In addition it is often possible to equip these pressure sleeves with an automatic (electrical) closing mechanism. Even fully automatic walls are possible.

### Excellent acoustic properties

The construction method of the Palace XXL sliding wall is identical to the Palace individual panels and as such, similar kinds of acoustic properties are obtainable with the Palace XXL sliding wall. The main advantage of the Palace XXL sliding wall relative

to the Palace panel walls is the minimization of the number of joints and seams. Through the positive effect of this on soundproofing the Palace XXL delivers as a rule up to 45 dB Rw soundproofing when fitted with rubber drag strips, and even higher with acoustic pressure sleeves.



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## T-intersection of flexible



### Strikingly functional

Operating the Palace XXL sliding wall is exceptionally simple. The wall slides extremely smoothly along the rail construction using ball bearing trolleys. Handles can also be fitted for the purpose of sliding the wall open and closed. The Palace XXL sliding wall can also be produced with a handle concealed in the vertical profiles, for when the wall is slid open between two walls.

### Special surface applications

The choice of surface material is almost limitless. You could, for example, choose magnetic surface material, or even material suitable for projection.



# design for a environment

## Education

With its T intersection design, the Palace XXL sliding wall lends itself incredibly well to educational use. Large learning environments can be divided up into several smaller spaces and can be opened up again just as easily.

## Extra large openings

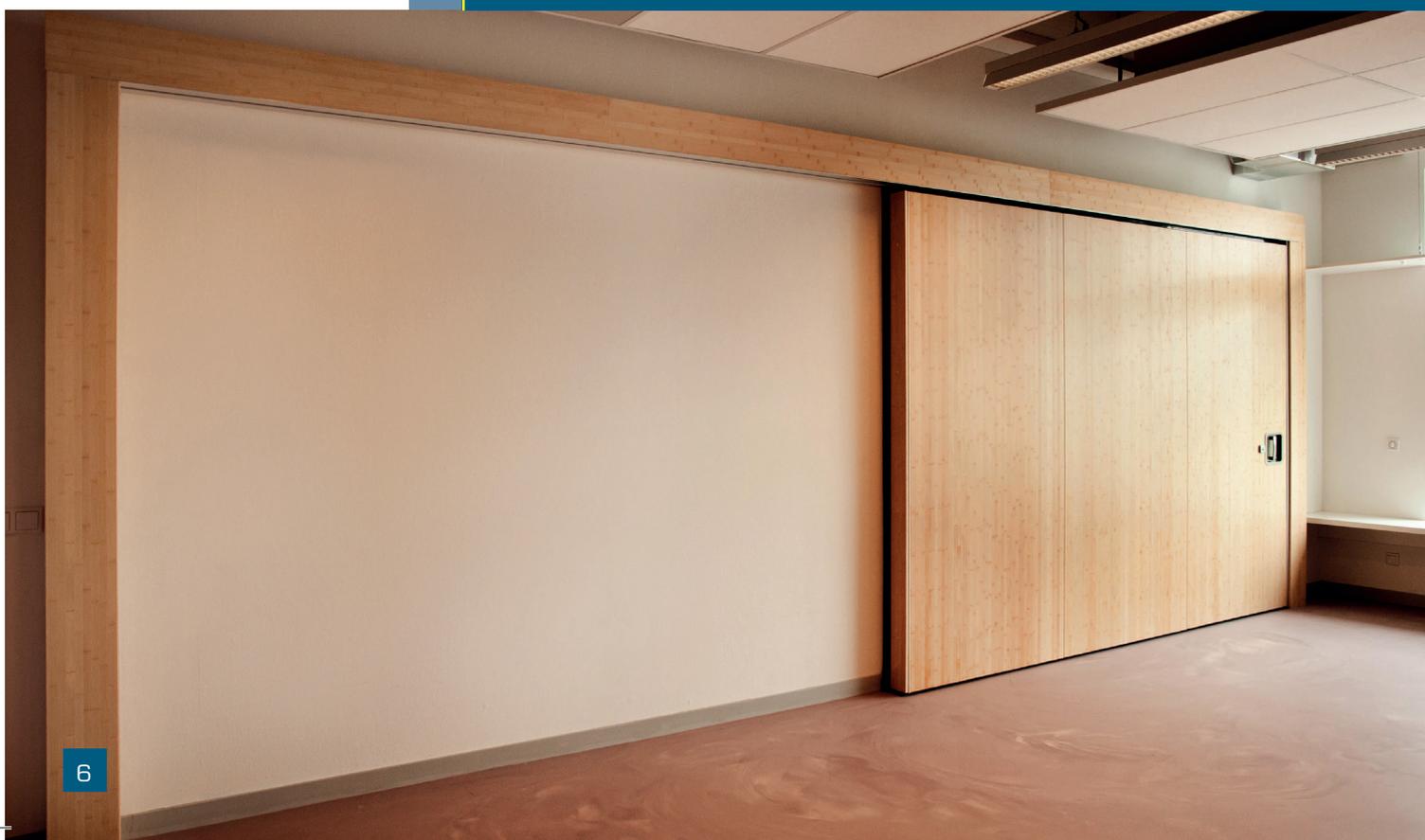
The ease with which the Palace XXL sliding wall can be slid open means that the user can open up an entire "wall" with just the turn of one hand. These large openings are not only ideal for schools, but also in hospitals and nursing homes for increasing wheelchair and bed accessibility.



# palace XXL sliding wall

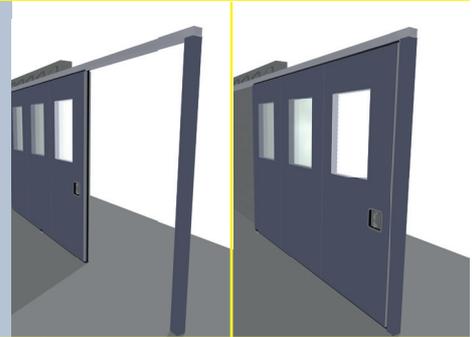


The Palace XXL sliding door can also be fabricated in multiple separate parts which allows the creation of a multi-leaf system. Think for example of a sliding wall which has the opening/closing point in the middle, whereby each panel slides to the left or to the right. And yet, the Palace XXL sliding wall can do even more: how about a 'telescope' construction whereby all the panels can be made as large or as small as you wish? In this situation the panels are equipped with guide rails which allow all parts of the sliding wall still to be opened and closed with one simple turn of the hand.

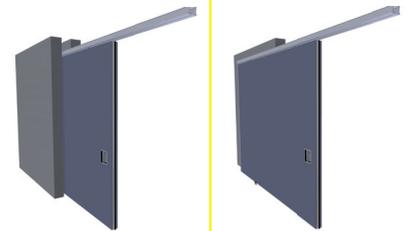


# Optional accessories

The Palace XXL sliding wall is available with one or more glass openings. It is also possible to incorporate a single or double door.



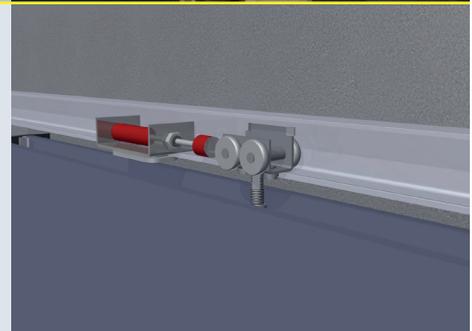
There are various options for parking the Palace XXL sliding wall: either by the (fixed) wall, between the (fixed) walls or in open space.



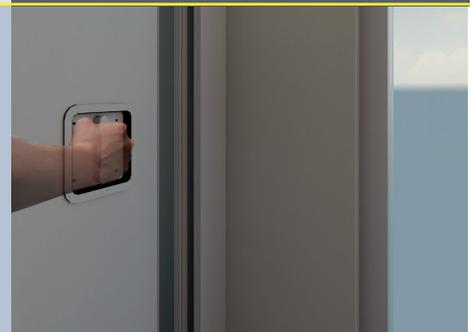
The Palace XXL sliding wall is available with diverse track types. The track/trolley 9 from Parthos undoubtedly represents the best track and trolley in the world for large movable walls. The trolley wheel has nine rows of ball bearings and the rail has a stainless steel sliding surface. This combination of track/trolley makes it possible to manually move more than 2500 kg, hassle free!



Auto breaking system (ABS) with so-called soft closure



For extra safety the Palace XXL sliding wall can be fitted with the ABS. With this ABS the wall is "slowed down", providing an extra safety guarantee. The patented Parthos handle has been developed to enable the sliding walls to be opened and closed with one simple movement. It can be operated manually or fully automatically by means of a belt drive system. This variant also features automatic operation of the acoustic pressure sleeves.



PARTHOS PALACE

PARTHOS PRESIDENT

PARTHOS MONO / SPACERS

PARTHOS PHONIC / PROGRESS

PARTHOS XXL SLIDING WALLS

PARTHOS PATIO WALLS

PARTHOS INTERIOR CONTRACTING

PARTHOS METAL

PARTHOS CONSTRUCTION

PARTHOS INRAUMSYSTEME



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