



MOVEO®

The intelligent solution for flexible space utilisation.

DORMA Hüppe
Raumtrennsysteme
GmbH+Co. KG
Industriestraße 5
26655 OCHOLT
GERMANY
Phone +49 4409 666-0
Fax +49 4409 666-489
info.hueppe@dorma.com
www.dorma-hueppe.com

DORMA CBP Schweiz AG
Martingsbruggstrasse 85
9016 ST. GALLEN
SWITZERLAND
Phone +41 71 282 82 82
Fax +41 71 282 82 83
info-cbp@dorma.com
www.dorma-cbp.ch

DORMA Hüppe Austria GmbH
Hollabernerstraße 4b
4020 LINZ
AUSTRIA
Phone +43 732 600451
Fax +43 732 650326
office@dorma-hueppe.at
www.dorma-hueppe.at

WN 05393451532 · 11/12 · GB · JP · x · 11/12 · Subject to change without notice.



CONTENTS

Concepts



Intro
Page 4–7



Office
Page 8–9



Hotel
Page 10–11



Congress | Event
Page 12–13



Design | Creative
Page 14–15

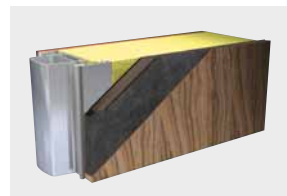
Technology



Operator systems
Page 16–17



Element types
Technical data
Page 18–19



Element design | Construction
Page 20–21



Partition operation
Page 22–23



Parking/stacking | Track systems
Page 24–25

Service



Surface finishes | Quality
Page 26–27

MAKING SPACE FOR CHANGE.

The planning delights of MOVEO® operable partition systems.

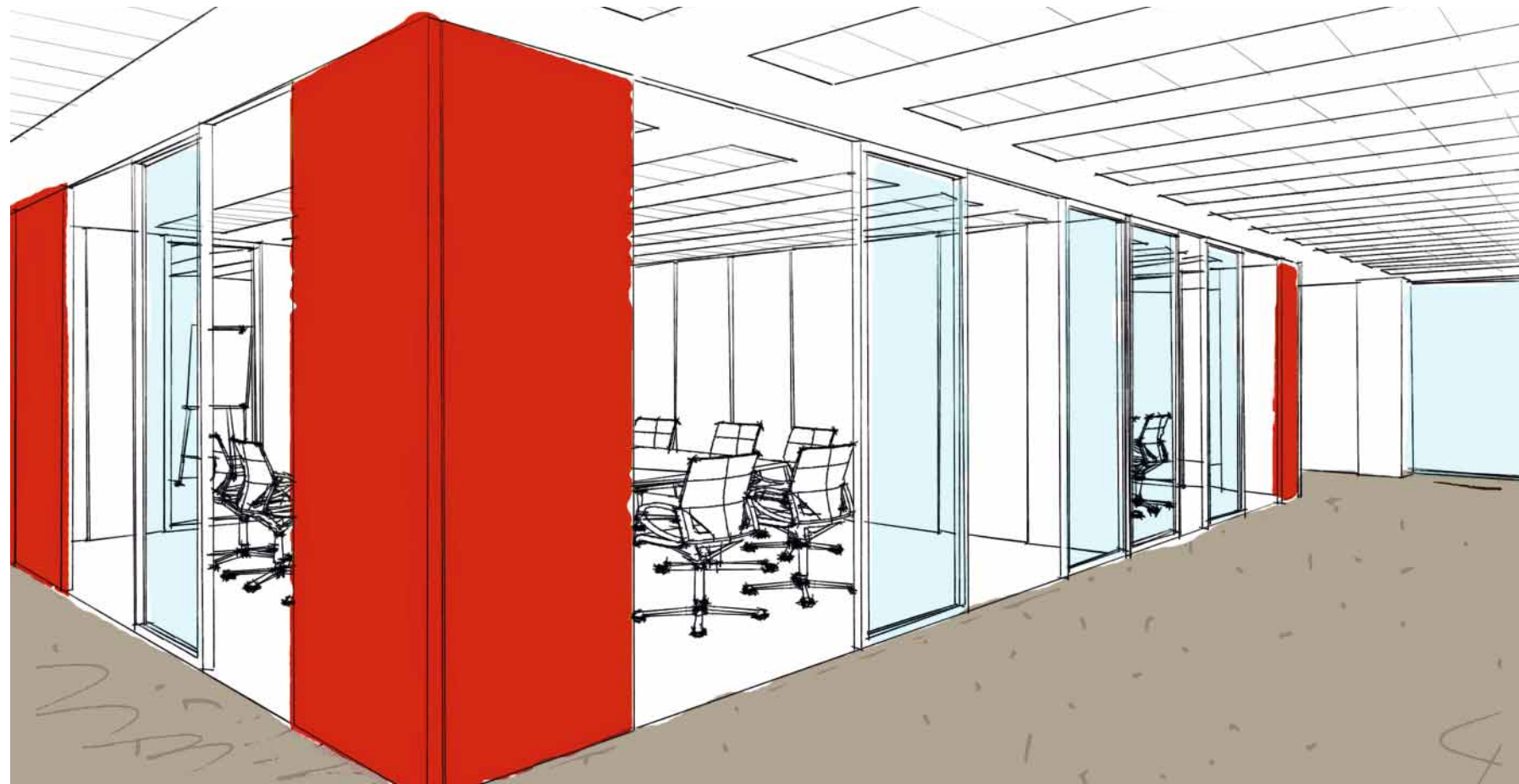
Increasingly, flexible and efficient space utilisation is becoming a must for offices, hotels, exhibition centres, studios and similar. Intelligent solutions are needed that facilitate multifunctional room configuration combined with openness and – when

required – transparency as well. With MOVEO and MOVEO Glass, you have at your disposal operable partition systems capable of harmoniously combining daylight-flooded and sound-insulated room concepts.

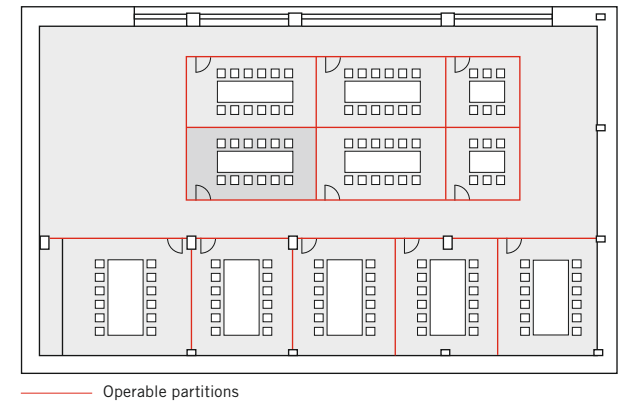
DESIGN
LIGHTNESS
SPEED
FLEXIBILITY
CONVENIENCE

WE CREATE ROOM AND FUNCTION.

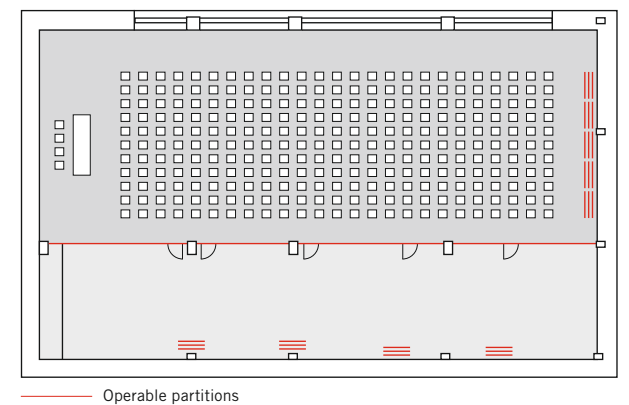
Intelligent function and aesthetic design.



Daytime configuration: Space divided into 11 separate meeting rooms



Evening event: Space divided into a large presentation auditorium and an open gallery for a major gathering



The individual benefits:

- High stability with low unit weights
- Smooth and quick operation
- The ComforTronic® actuating system for more convenience and safety
- ComfortDrive – the fully automatic variant
- Plug&play for fast system installation
- Fully-sealed design for sound insulation values of up to R_w^* 55 dB
- Smoke control function as standard
- MOVEO Glass as the first partition offering flexible space configuration with transparency plus sound insulation values up to R_w^* 50 dB
- Uniform generic design: all versions of the system can be readily combined
- Sustainability: Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804

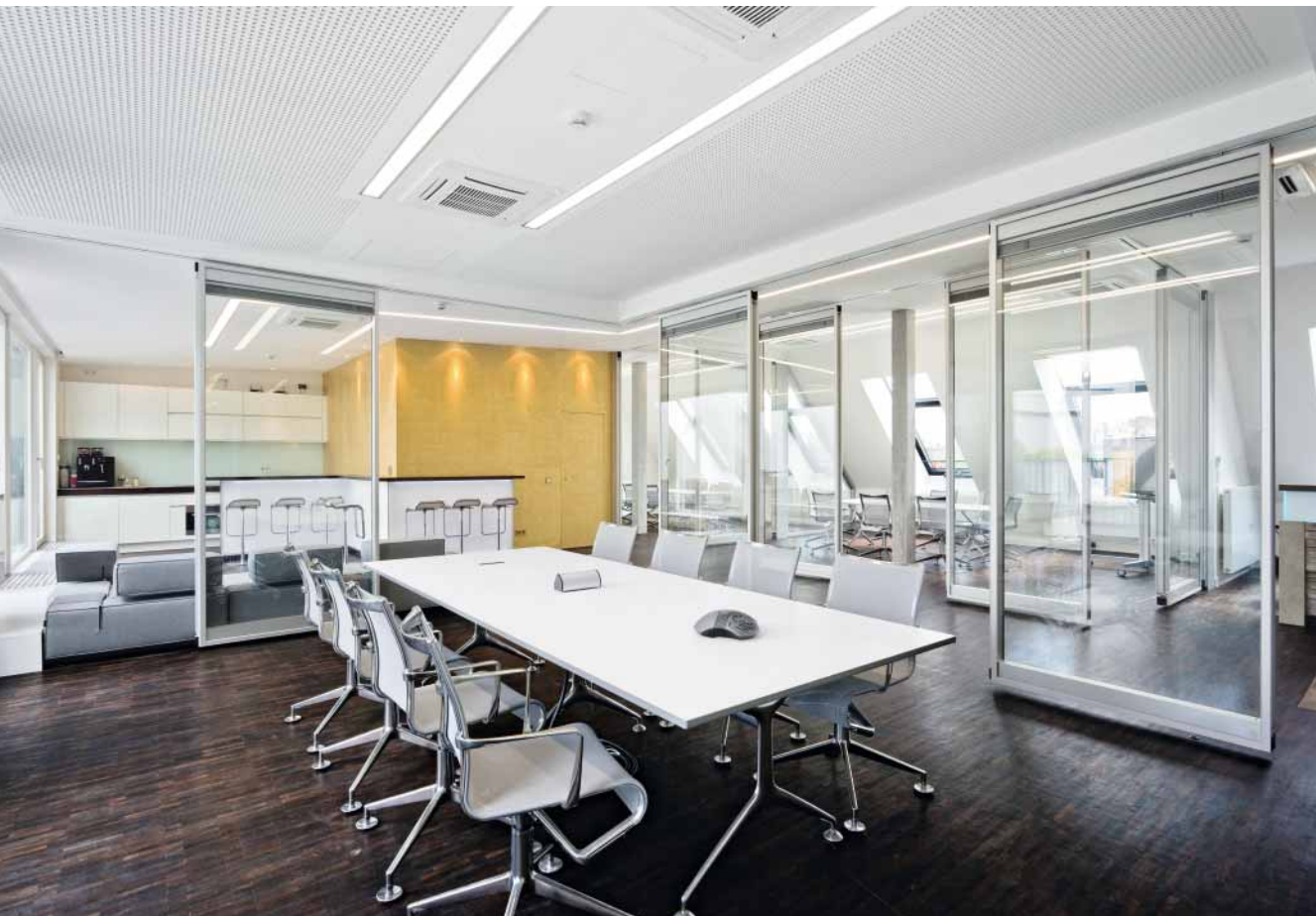
*Laboratory value to EN 20140



Institut Bauen und Umwelt e.V.

ROOMS WITH A REAL AMBIENCE OF WELL-BEING.

Just one of the advantages of flexible spatial management.



For efficient room usage.

Offices and conference rooms today can profit from flexible spatial management – all made possible by the operable sound-insulating partitions from MOVEO with opaque elements, and MOVEO Glass featuring transparent elements. With these systems, room sizes

can be changed easily, flexibly and quickly, allowing them to be adjusted to different group sizes and enabling the basic layout to be efficiently used for a multiplicity of functions.

Transparent and sound-insulating.

MOVEO Glass combines two seemingly contradictory properties: transparency and sound insulation. So it is possible to divide a space while combining both maximum openness and high sound attenuation values up to R_w^* 50 dB.

Easy to combine.

Among the major strengths offered by the system is the combinability of MOVEO standard elements with MOVEO Glass elements. The result is a uniform, “family” appearance with elegance united with the impressive technical advantages of MOVEO movable walls.

*Laboratory value to EN 20140



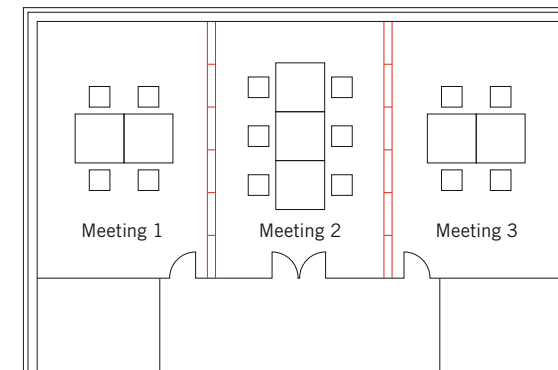
Alternative colour schemes



MOVEO in F140 Aluminium light; and MOVEO Glass.

MOVEO Glass. Transparent operable partition system with sound insulation values up to R_w^* 50 dB. Also available with integrated electric blind.

Project | Serviceplan Agenturgruppe, Berlin, Germany
Architect | Jörn Rohrberg, Berlin, Germany



With good sound insulation, events can be held in parallel on a wall-to-wall basis.

Alternative colour schemes



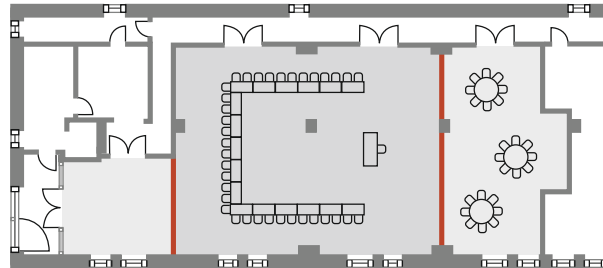
MOVEO in UL 786 Pearl Grey I

Operable, sound-insulating partitions for multifunctional spatial layouts.

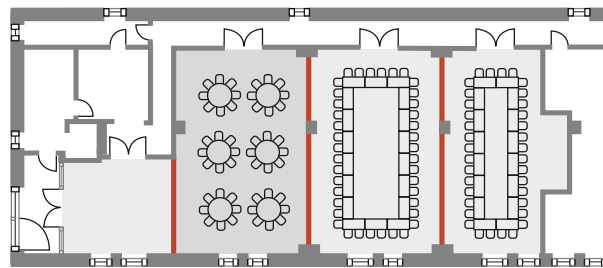
Project | Campari, Milan, Italy
Architect | Mario Botta, Lugano, Switzerland

MULTIPLE SPACE UTILISATION, MULTIPLE GAINS.

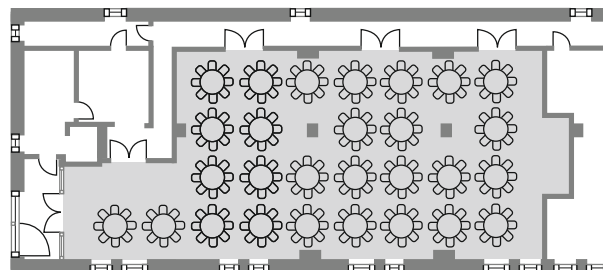
8.30 to 12.00 noon
Seminar room and reception



12.30 to 2.00 p.m.
Concurrent meetings



2.30 p.m. to the early hours
Wedding reception



8.30 to 12.00 noon
Seminar room and reception

Thanks to the excellent sealing of the partitions, sound reduction values of up to R_w^* 55 dB are attainable. Hence it is possible to hold two different events concurrently in adjacent rooms without undue mutual interference.

12.30 to 2.00 p.m.
Concurrent meetings

Rooms for small groups of participants can also be created with consummate ease. Here, three smaller rooms have been neatly parked, leaving nothing to stand in the way of a great celebratory evening.

2.30 p.m. to the early hours
Wedding reception

The DORMA MOVEO requires only a minimum amount of space for stacking. So it can be discreetly parked, leaving nothing to stand in the way of a great celebratory evening.

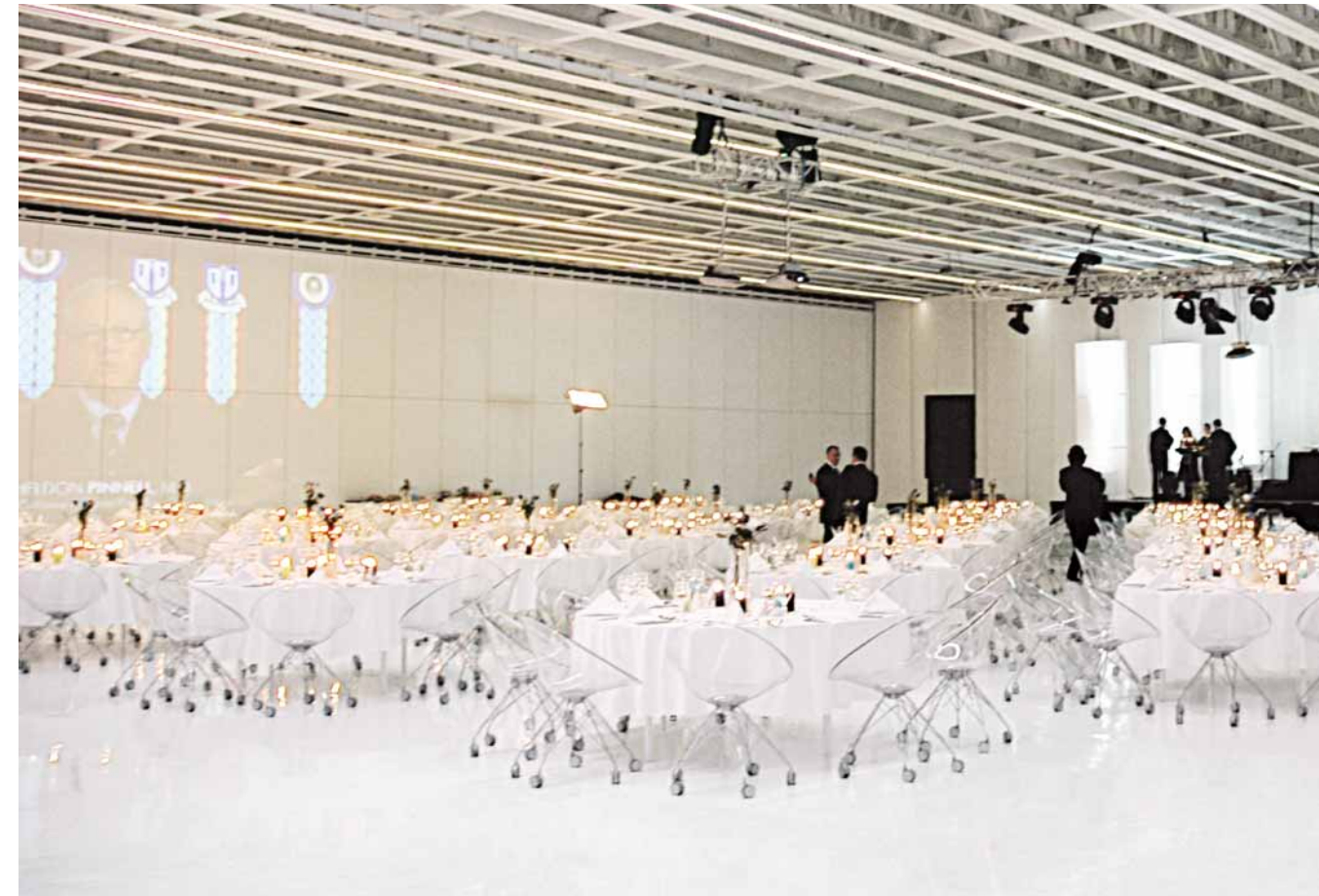
The DORMA MOVEO operable partition system with ComfortDrive enables a whole series of events of different types to be held in quick succession within the same space. The convenience, easy operability and high flexibility of the system ensure significantly faster adaptation to changing requirements than that available with manual systems.

Thanks to the lightweight yet thoroughly stable construction of the individual elements, each featuring the practical ComforTronic® standard operating system, DORMA MOVEO operable partitions can be handled expertly by almost anyone. With the premium ComfortDrive operating system, the elements are actuated fully automatically at the push

of a button. With multiple room usability, it is possible to increase not only hotel service provision but also catering capacity utilisation.

The DORMA MOVEO also ensures exceptional space configuration flexibility in reverse. Because if, for example, the room is required in its full size, the entire movable wall can

be removed to its stacking area, leaving the appearance and the usability of the room unimpaired.



Alternative colour schemes



MOVEO in UL 54 Polar White

Flexible concept: the MOVEO partition system enables the implementation of numerous room configurations whilst also serving as a functional projection surface. Partitions available for clear heights up to 7,100 mm.

Project | Adam&Eve Design Hotel, Antalya, Turkey
Architect | Eren Talu, Istanbul, Turkey
Photos | © Kayi Group, Antalya, Turkey



*Laboratory value to EN 20140

EFFICIENT SPACE UTILISATION.

For almost every requirement.

Variable spaces: with the MOVEO operable partition system, rooms of virtually any type and area can be created as and when required.



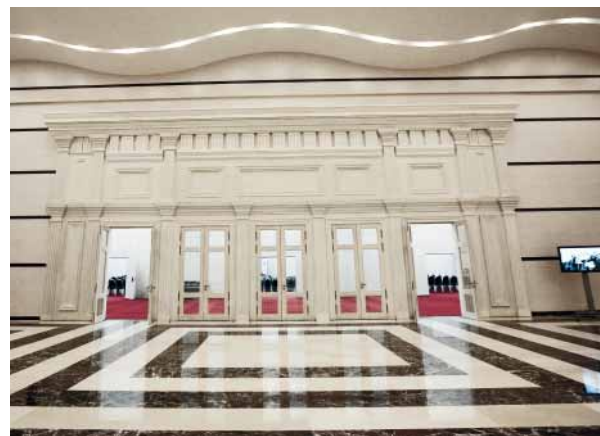
Alternative real wood veneers



MOVEO in HN 521 Maple, Classic Collection; alternative real wood veneers

1,200 MOVEO partition elements, each some 7m high, ensure flexible spatial management over an area of 7,700 m².

Project | Crocus Congress Center, Moscow, Russia
Architect | Architectural Workshop of Agalarov, Moscow, Russia



Each exhibition and conference unique.

It is important for organisers to be able to offer a multi-functional spatial concept with proportions that can be flexibly adapted to prevailing requirements. Versatile room partitioning systems such as the MOVEO play a central role in this regard. With partition elements

available for systems of clear passage heights up to 9,000 mm, large rooms can be subdivided at any time into smaller units. The lightweight construction makes sliding the elements particularly easy and fast. Thanks to high sound insulation, different events can also be held simultaneously.

Event management with MOVEO®.

To be successful, events need an inspiring atmosphere capable of bringing the underlying concept to life. Being able to implement intelligent, individualised room configurations is therefore of central importance. The MOVEO system creates room-in-

room solutions to suit almost any requirement. And a high proportion of glazing in the panels ensures transparency and brightens the generous room depths created. With movable walls, it is possible for example to convert small seminar rooms quickly and flexibly into large auditoria for readings or concerts, and vice versa.



Alternative colour schemes



MOVEO in 131/5 White; and MOVEO Glass

Multifunctional solution: readings, concerts, cabarets, seminars and many more – MOVEO creates space for events large and small.

Project | Künstlerhaus Spiekeroog, Spiekeroog, Germany
Architect | Architekturbüro Detlef Hagen, Wardenburg, Germany



DESIGNED TO IMPRESS.

Sophisticated solutions for creative ambiances.

Accentuating expressive architecture.

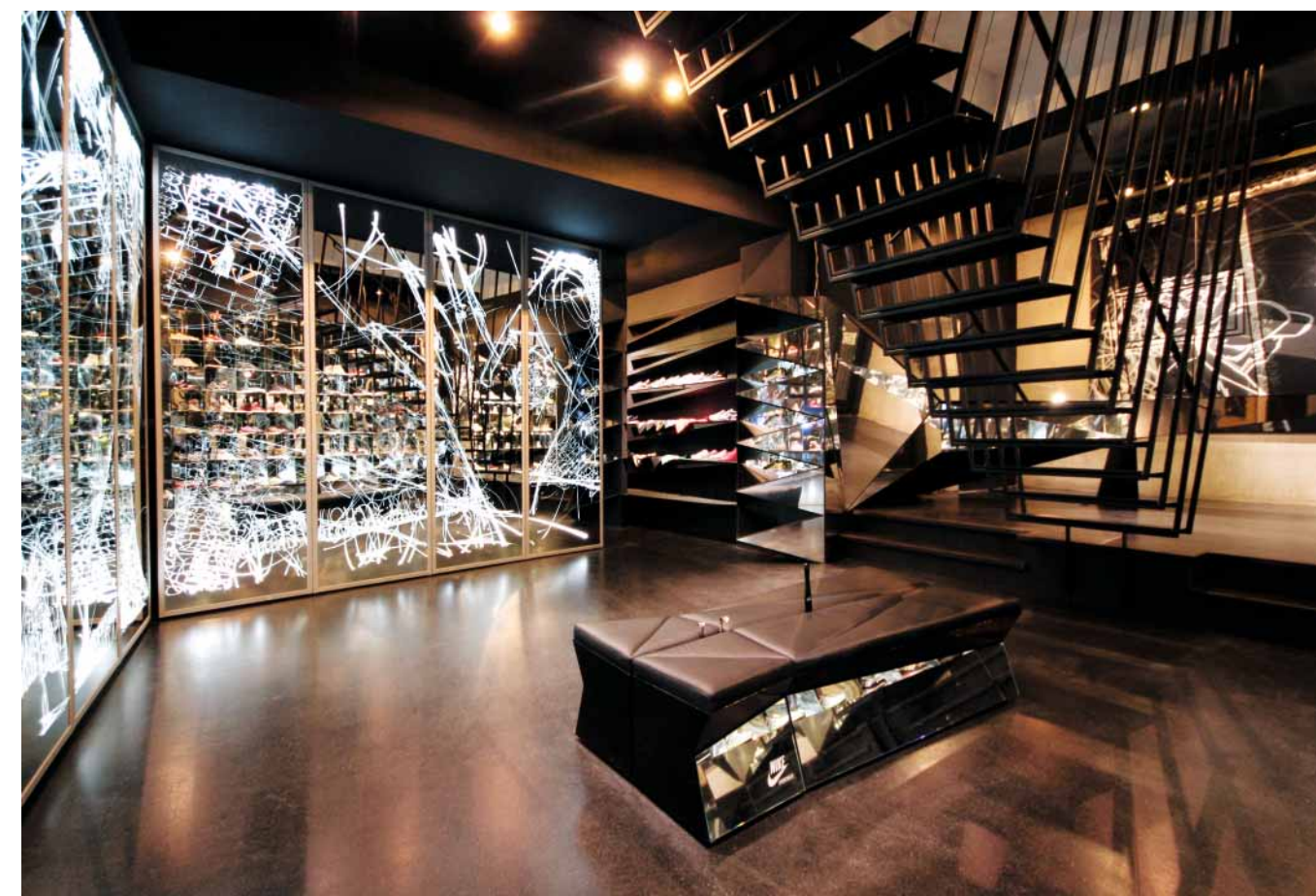
Expressive architecture needs to be extended from the exterior to the interior. A corporate building today is regarded as an expression of that company's corporate culture – its business card. This requires individuality down to the last detail. The

sophisticated MOVEO operable partition system can be adapted to any style – from Bauhaus to Baroque, there are virtually no bounds. Laminated, painted or fabric-coated, with an acoustic or functional surface, in glass, wood veneer or with a mirror finish – DORMA has the right solution every time.

Scope for creativity almost limitless.

Even in the glazed sections, designers can realise their own creative concepts with coloured glass, screen printing or sand-blasted patterns – the modern MOVEO operable partition system offers latitude for many forms of expression.

Glass treatments, film coating and digiprints are just some of the many design variants which can be applied to add an artistic note to the overall aesthetics of the interior.



Alternative colour schemes

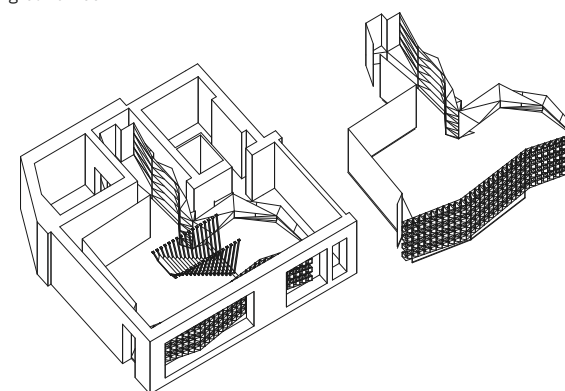


MOVEO in 131/7 Super White

The colour white is essential to the concept: in the glass cube, the innovative MOVEO operable partition provides a continuation of the solid white décor, accentuating the clear colour statement.

Project | LEONARDO glass cube, Bad Driburg, Germany
 Architect | 3deluxe, Wiesbaden, Germany
 Photos | LEONARDO, Bad Driburg, Germany

The MOVEO Glass operable partition is the dominant focal point of the ground floor.



Alternative colour schemes



MOVEO Glass, Scratched

An unusual and extraordinary shop concept: iridescent light effects are created by the "scratching" of the MOVEO Glass movable walls.

Project | Overkill Shop, Berlin, Germany
 Architect | plus4930 Architektur, Berlin, Germany
 Photos | plus4930 Architektur, Berlin, Germany

THE STANDARD OPERATING SYSTEM: COMFORTRONIC®.

Manual operation, automatic seal actuation.

ComforTronic® – included.

The ComforTronic® actuator system offers excellent convenience. The individual MOVEO elements are manually moved (1) to the required position (2). As soon as the contacts on the narrow end face of the elements close, the ComforTronic® automatically extends the sealing strips within 5 seconds, with precisely the required contact pressure and with outstanding stability ensured every time (3). In the event of a power failure, the sealing strips can, of course, be manually operated.



The benefits at a glance:

- Electronically controlled extension and retraction of the sealing strips
- Tight seal within just 5 seconds
- Excellent stability
- Uncomplicated plug&play installation



MOVEO

Project | Kolping Mainfranken, Würzburg, Germany
Architect | Architekturbüro Edgar Appel, Würzburg, Germany

THE PREMIUM OPERATING SYSTEM: COMFORTDRIVE.

Fully automatic positioning, automatic seal actuation.

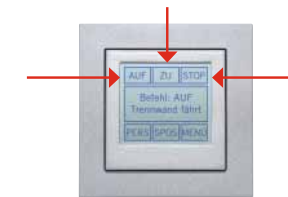
Modern technology – the ComfortDrive motorised system.

With the MOVEO ComfortDrive operator, sound-insulating partitions – opaque or transparent – can be fully automatically moved to their individually pre-programmed positions, with their sealing strips also being automatically extended and retracted. The system is controlled by means of a user-friendly touch screen. Reliable safety is ensured by an integral monitoring system that shuts down the operator on contact with any kind of obstruction.



The benefits at a glance:

- Fully automatic operation at the push of a button
- Enhanced convenience with fast opening and closing speeds
- Easy to operate with self-explanatory touch screen
- Suitable for both opaque and transparent partitions
- Can be combined with several element types and systems
- Reliable safety – system halted on contact with an obstruction
- TÜV-approved and GS-tested
- Individually programmable to customer requirements

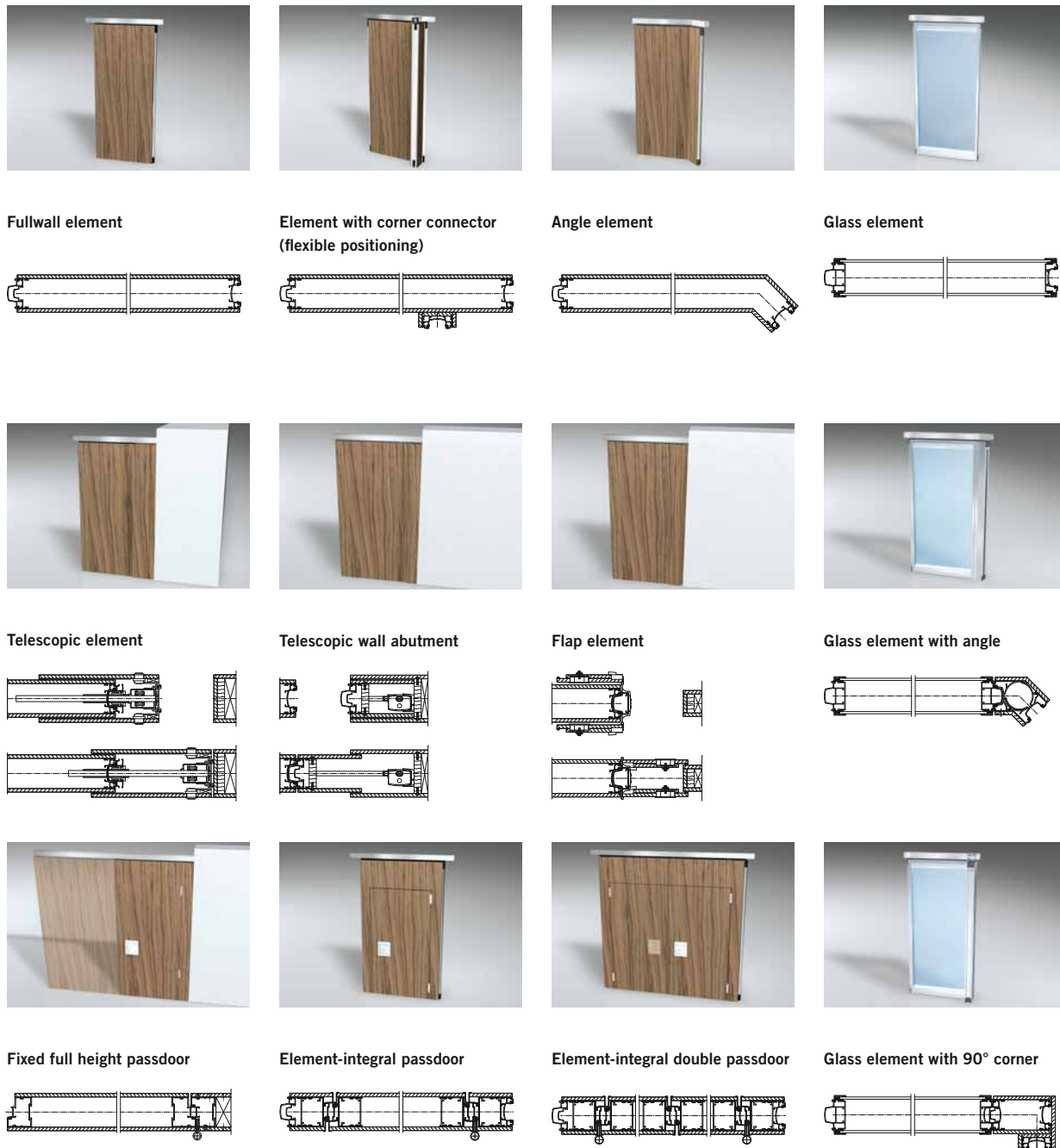


MOVEO and MOVEO Glass

Project | Wirtschaftsprüfer & Steuerberatungssozietät Gooßen & Heuermann, Stade, Germany
Interior Design | Leson Innenarchitektur+Objektmanagement, Frankfurt am Main, Germany
Photos | Eberhard Petzold, Hamburg, Germany

VARIETY OF ELEMENTS FOR DESIGN FLEXIBILITY.

Partition element types.



When it comes to surface styling, a comprehensive range of options is needed if the optimum solution is to be found for the many and varied requirements

that exist. Offering a broad selection of element types, the DORMA MOVEO system covers an extensive spectrum of layout and application possibilities.

Technical data.

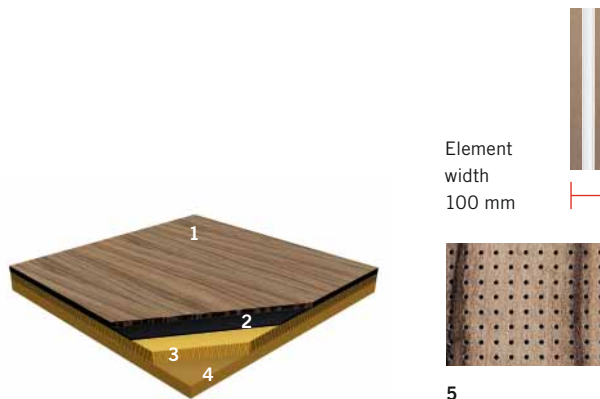
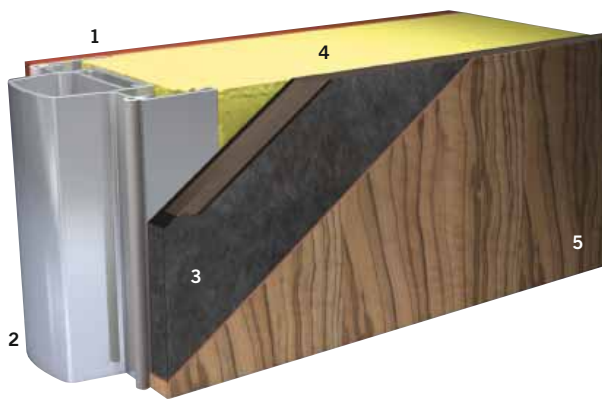
Dimensions		
Element thickness in mm	100	
Element width in mm	600–1,250	
MOVEO clear passage height in mm (min./max.)	2,000–9,000	
MOVEO Glass		
Clear passage height in mm (min./max.)	2,000–4,000	
Frame profile width	horizontal 118 mm; vertical 30 mm	
Glazing	double-skinned, ESG (toughened safety glass)	
Electrically controlled blind	<input type="checkbox"/>	
Construction		
Type	Sealed composite lightweight construction with acoustic core	
Element connection	Combination of positive and frictional locking, convex/concave aluminium profiles with quad-lip gaskets	
Equipment details		
Actuating system		
ComforTronic® (electrically controlled sealing strip extension and retraction)	<input checked="" type="checkbox"/>	
ComfortDrive (fully automatic operation)	<input type="checkbox"/>	
Smoke control function	<input checked="" type="checkbox"/>	
Reduced fire load configuration	<input type="checkbox"/>	
Enhanced acoustic configuration	<input type="checkbox"/>	
Edging design		
with visible surface edging, Type K	<input checked="" type="checkbox"/>	
with protective casement edging, Type U	<input type="checkbox"/>	
Surface finishes		
	Standard Classic Collection	<input checked="" type="checkbox"/>
	Premium Design Collection	<input type="checkbox"/>
	Functional Collection	<input type="checkbox"/>
	Other finishes	<input type="checkbox"/>
Technical specifications		
Sound insulation to EN 10140, laboratory value	dB in Rw*	kg/m²
	38 dB	16 kg/m ²
	42/43 dB	20 kg/m ²
	49/50 dB	30 kg/m ²
	55 dB	40 kg/m ²
Glass element (MOVEO Glass only)	44 dB	34 kg/m ²
	50 dB	49 kg/m ²
	U-value according to DIN in W/m ² K (thermal transmittance)	2.1–0.42
Track types	K, R, MR and ComfortDrive track	

Standard equipment
 Option

* These are laboratory values. Different closure elements produce different sound insulation values.

ELEMENT CONSTRUCTION.

Cleverly devised down to the last detail.



Element construction

- 1 Outer shell 1
- 2 Vertical profile (convex/concave)
- 3 Outer shell 2
- 4 Acoustic core
- 5 Surface finish (e.g. veneer, laminate or special functional surface)

DORMA Acoustic

- 1 Micro-perforated cover board
- 2 Acoustic fleece, black
- 3 Absorber layer
- 4 Insulation board
- 5 Micro-perforated surface

Element structure.

The revolutionary sealed composite comprising light, sturdy outer shells in a sandwich structure with an acoustic core ensures an inherently effective barrier for exceptional noise insulation and smoke control.

The construction is self-supporting, while the vertical convex/concave aluminium profiles with their integrated quad-lip gasket ensure optimum sealing and stability of the element joint.

Just 100 mm: DORMA MOVEO® Acoustic – for a better in-room ambience.

The DORMA MOVEO Acoustic ensures excellent sound absorption as well as a high level of sound insulation. The special micro-perforated surface

enhances the overall visual effect of the finish. The MOVEO Acoustic technology, integrated within just 100 mm of element thickness, offers exceptional lightness of weight and design harmony while also saving space in the parking/stacking area.



1 Element suspension system

The elements are suspended from shock-absorbing roller bolts. This reduces the transmission of impact forces and operating noise, while also preventing flexure or fracture of the bolts. The elements, track and roller carriers are ideally protected. The vertical height of the elements can be readjusted while still installed, i.e. without the need to open them up or remove them from the track.

and serves to retract (2a) and extend (2b) the horizontal seals (sealing strips) of the individual elements, and also closure/telescopic elements (where provided) – as soon as the elements are pushed together. This eliminates the time and effort associated with manual crank operations and provides for excellent sound insulation and system stability.

ComforTronic® mechanism and, when extended, press against the floor surface and ceiling track. The constant spring pressure allows for automatic adaptability to floor unevenness. The correct sealing strip contact pressure provided by the ComforTronic® keeps the load on the screed or other floor coverings within acceptable limits. The result is excellent seal-tightness and stability of the system, with the elements reliably prevented from being dislodged.

a plug&play basis. In the event of a power failure, the sealing strips can, of course, be manually operated.

2 ComforTronic®

The ComforTronic® automatic actuating system comes as standard

3 Extendable horizontal sealing strips

Each element is provided top and bottom with extendable, spring-mounted, flexible double-chamber seals. These are actuated by the

4 ComforTronic® control contacts

Power is transmitted from element to element via end-face sliding contacts. The system is supplied on

5 Element interconnection

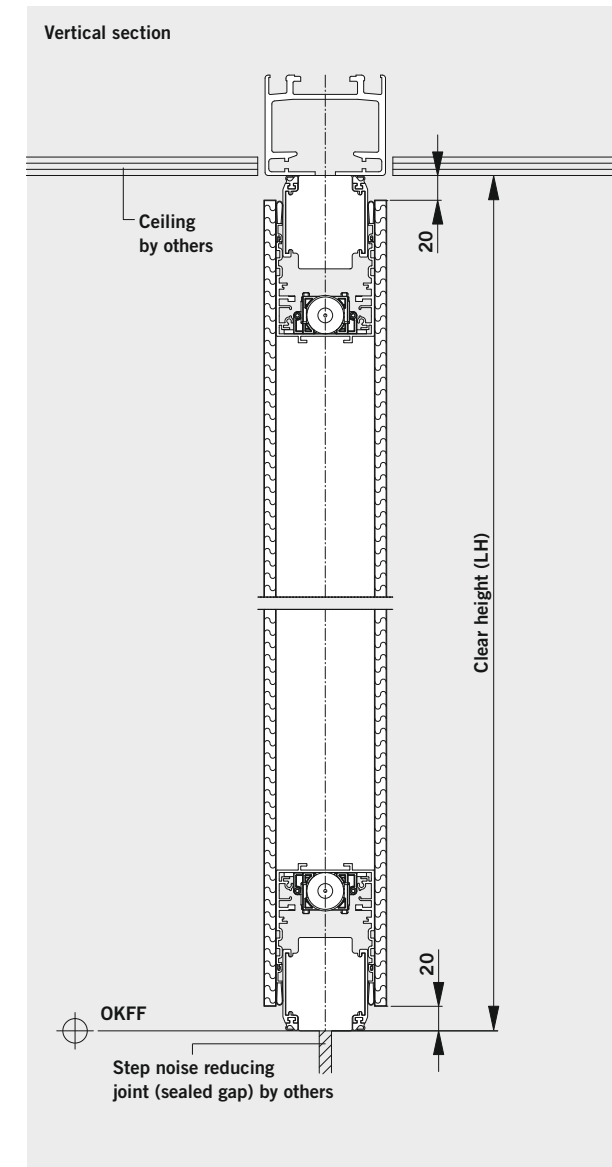
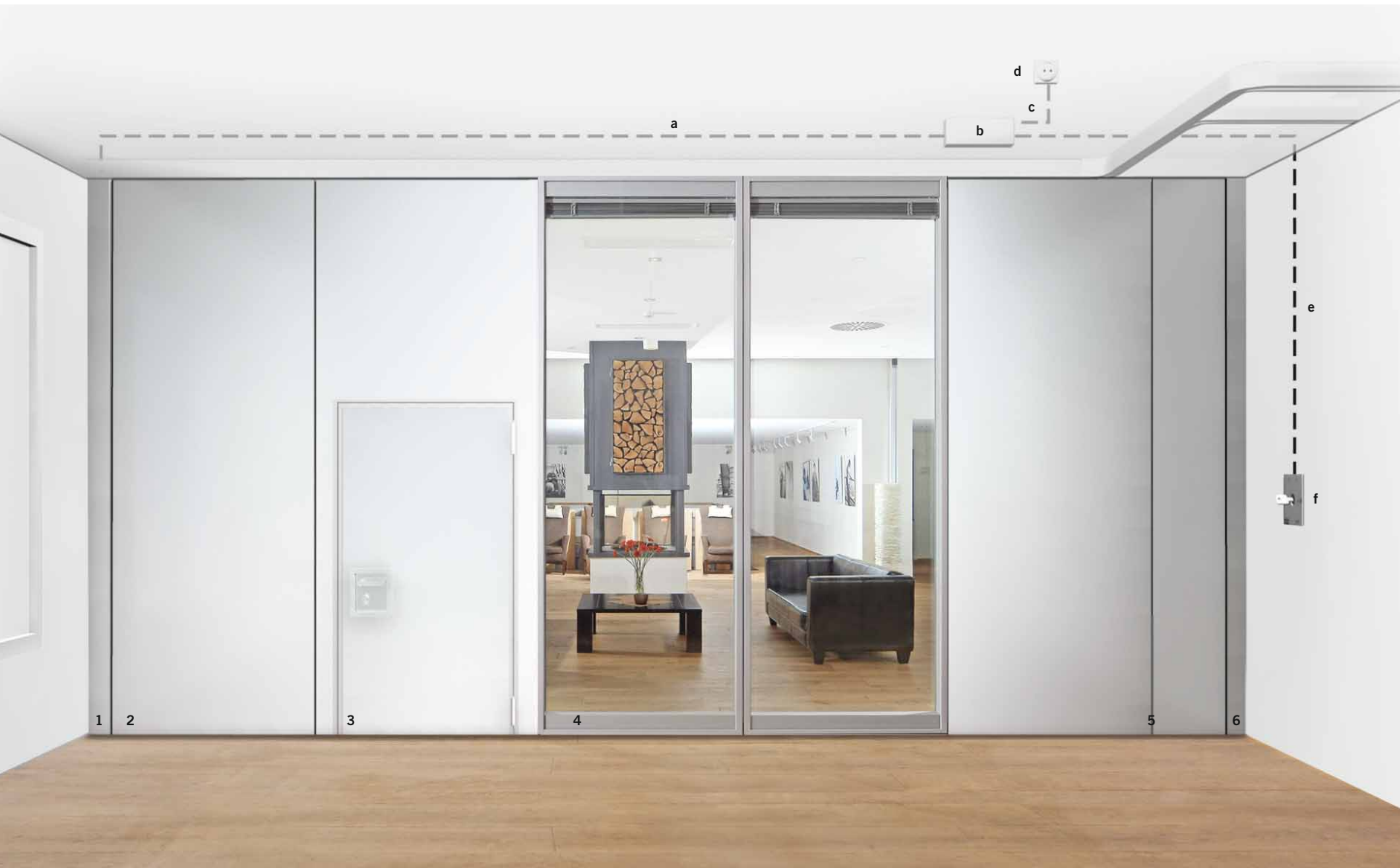
Combined positive and friction locking, convex/concave aluminium profiles with generous mating depth and integrated quad-lip gasket for optimum sealing.

6 Corner sealing

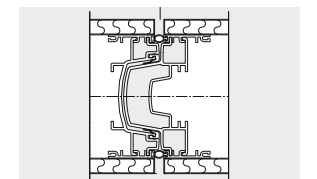
Specially shaped, flexible and flush-mounted sealing strip end mouldings of polyurethane ensure exceptional sealing top and bottom and further enhance the stability of the system.

A TRULY ADAPTABLE DESIGN.

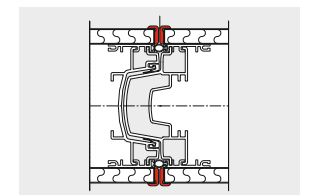
Possible variants Passdoors in (mm)	Min. clear height of partition (min. LH)	Clear passage height (LDH)	Width of element (TM)	Clear passage width (LD), 1 leaf open	Clear passage width (LDB), 2 leaves open
Passdoor	2,440	2,100	1,070	820	–
	2,440	2,100	1,170	920	–
	2,440	2,100	1,250	1,000	–
Double passdoor	2,440	2,100	957	820	1,670
	2,440	2,100	1,057	920	1,870
	2,440	2,100	1,137	1,000	2,030



Edging design



Visible edging
(Type K)

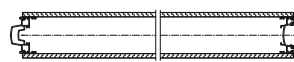


Protective casement edging
(Type U)

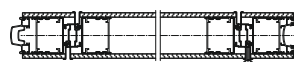
1 Concave wall abutment



2 Fullwall element



3 Passdoor



4 Glass element



5 Telescopic element



6 Wall abutment

- a Approx. 40V, Ölflex cable by others, 4 x 1.5 mm², length 6 m, to concave wall abutment (SL)
- b Control unit (254 x 180 x 90 mm)
- c Cable factory supplied, 3 x 0.75 mm², length 2 m, to socket
- d Socket by others 100–120 V or 200–240 V, 50–60 Hz, min. 10 A
- e Cable by others, 3 x 0.6 mm², flexible, max. length 20 m, to switch
- f Switch

EASY PARKING.

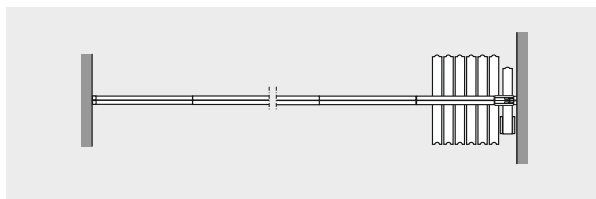
In their stacked position, the elements form a compact package and can be accommodated in the smallest of spaces depending on the room situation. The low weight of the ele-

ments and the associated structural advantages are particularly noticeable here. Above you will find four standard parking arrangements; individual solutions for special requirements

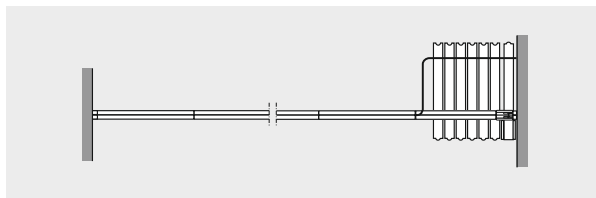
are also possible. The four standard stacking/parking track systems offer convenient operability with a minimum of noise from the individual elements as they slide into position.

And here again, the same overriding principle applies: to provide the right system for each application – from manual to fully automatic element operation.

Inboard parking solutions

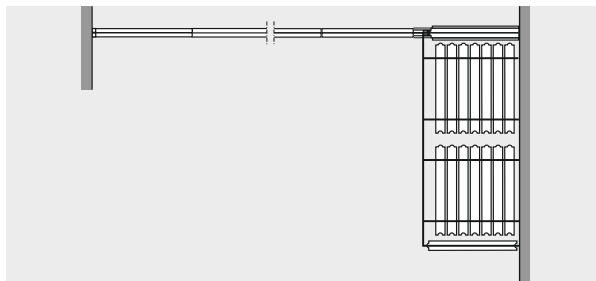


Parking solution PLA
– Single-point suspension
– 90° to partition axis

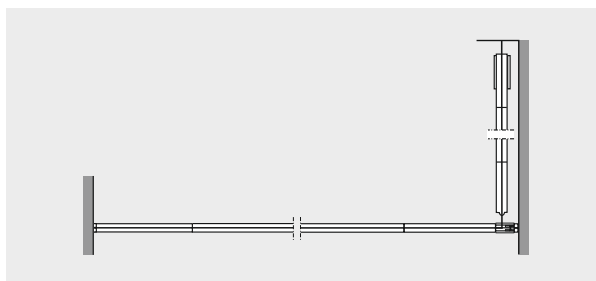


Parking solution PLB
– Two-point suspension
– 90° to partition axis

Outboard parking solutions



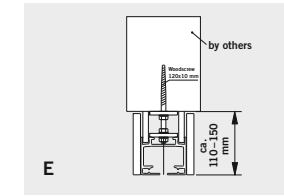
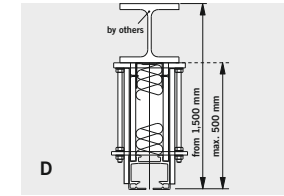
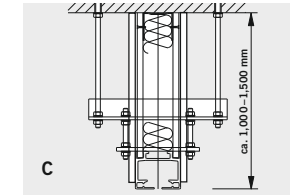
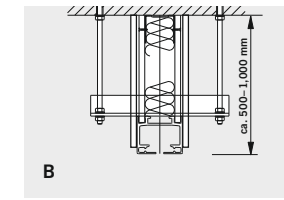
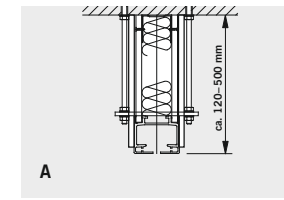
Parking solution PLC
– Two-point suspension
– 90° to partition axis
– In several stacks
– Here with telescopic wall abutment AWA and two-sided stack closure element



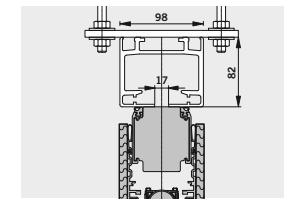
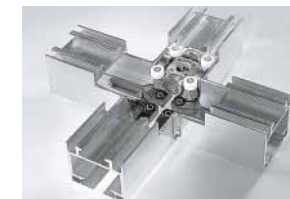
Parking solution PLD
– Two-point suspension
– 90° to partition axis
– Parked in a row arrangement

Suspension systems

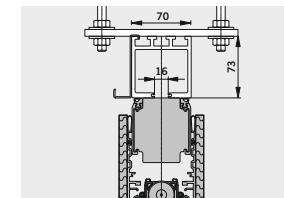
The DORMA MOVEO system offers a range of suspension systems to suit each installation and application. Here are just some examples.



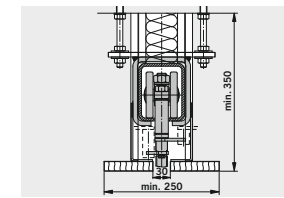
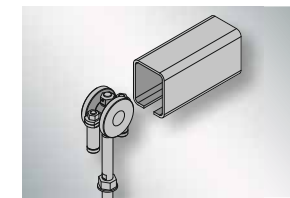
Track systems



R-type track
Track system for right-angled configurations with cross-roller carriers for element weights up to 500 kg. Support rollers in the junctions guarantee easy operation when sliding the elements across intersections.

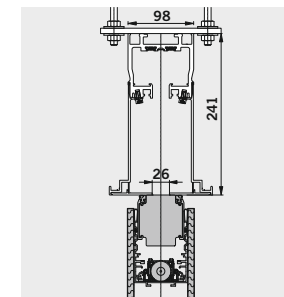


K-type track
Mechanically coded junction technology with curves and switches for easy operation; suitable for element weights up to 250 kg.



MR track
Steel track system for large element heights and high weights, with special mechanical coding in the carriers, plus curves and switches for maximum operating ease and effortless positioning of the elements.

Track systems with fully automatic drive

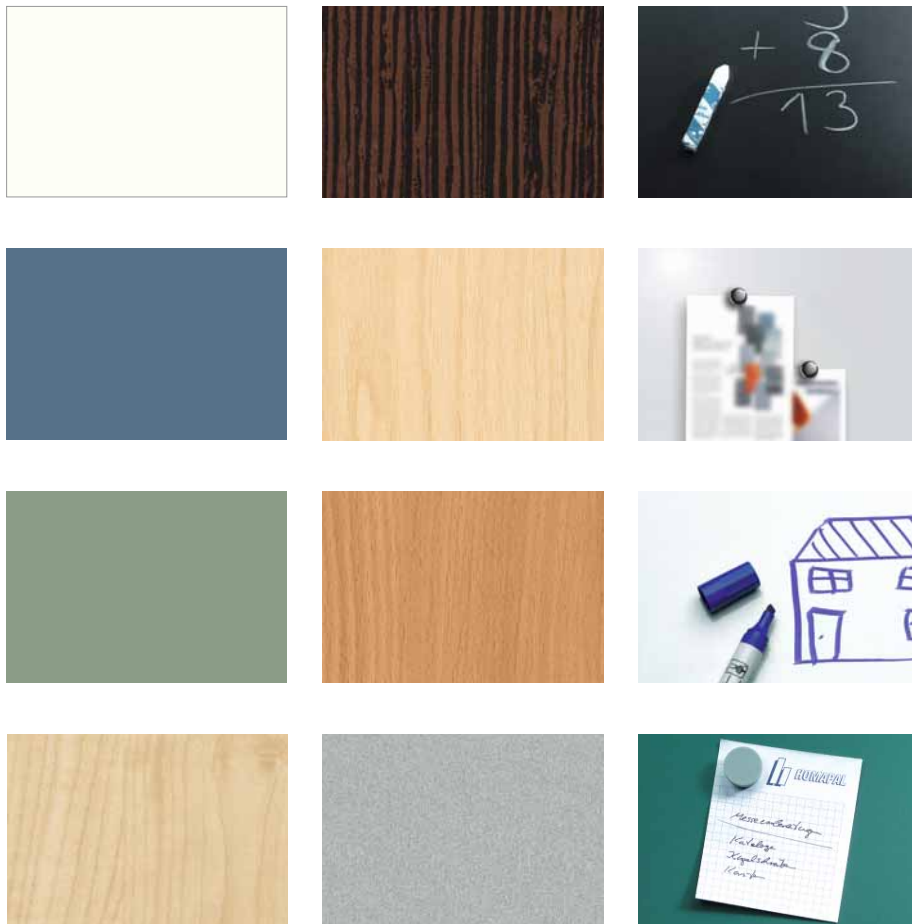


ComfortDrive
Fully automatic track operator system. Fast opening and closing speeds of up to 250mm/s for enhanced convenience. Easy pushbutton operation. Narrow profiles for aesthetic elegance. The track section measures a slender 98 mm and is suitable for element weights up to 500 kg.

SURFACE FINISHES OF MANY COLOURS AND MATERIALS.

Giving you ideas.

The DORMA MOVEO range allows plenty of scope for your design creativity. Three collections are available for selection, providing the optimum surface for your particular styling requirements.



Standard
Classic Collection

A variety of high-quality decorative finishes in keeping with the latest fashions and trends. The materials used are scratch- and impact-resistant with solid colours and wood reproductions opening up a wide range of design possibilities.

Premium
Design Collection

This premium collection comprises high-grade real wood veneers for providing each room with its own individual ambience. Also available are striking metal decors and RAL-painted finishes.

Premium
Functional Collection

For finishes that add additional, professional functionality to your partition wall. Aside from write-on and magnetic surfaces, there are also finishes suitable for painting or wall-papering. Special projection surfaces for data and daylight projectors are also available.

DORMA QUALITY AND DORMA SERVICE.

Available locally around the world.



DORMA Hüppe is your dependable partner for planning reliability in the national and international projects business in the movable wall segment. Whether for revamps, conversions or modifications, DORMA can and will deliver, expertly meeting virtually any demand – from the concept phase through to execution.

Well advised.
The decision in favour of a DORMA quality product brings with it the benefits of an excellent consultancy accompanied by a comprehensive, reliable service capability. Our highly qualified employees are readily available for site visits, with all the professional equipment needed to meet the needs of the moment.

The sustainable choice.
An Environmental Product Declaration (EPD) was prepared in compliance with ISO 14025 and EN 15804 for the MOVEO partition system. A life cycle analysis (LCA) was therefore carried out in accordance with ISO 14040, providing a methodological framework for presentation of the product's

“eco-balance”. With low thermal transmittance values, MOVEO is very energy efficient. The MOVEO Glass version in particular enables the utilisation of daylight to maximum effect.

