

# MOVEO®

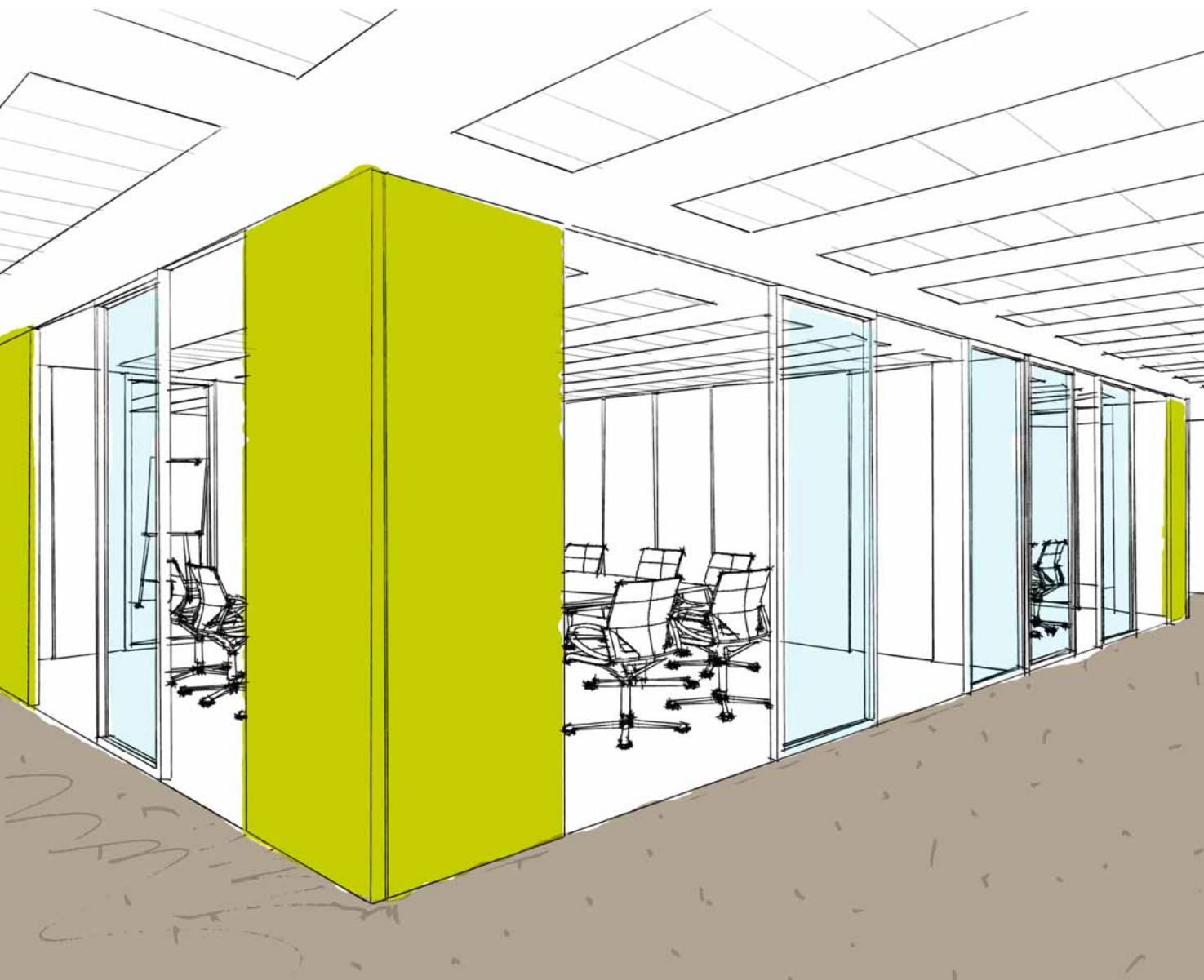
The intelligent  
solution for flexible  
space utilisation.



# style

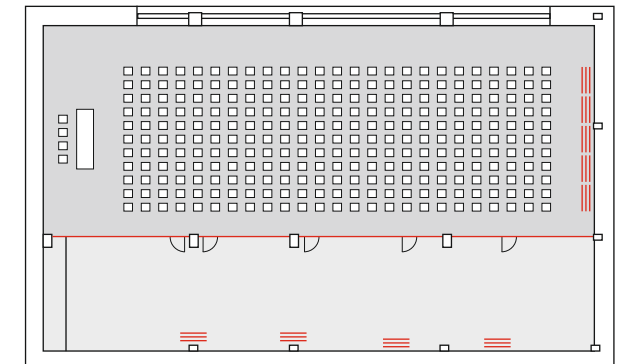
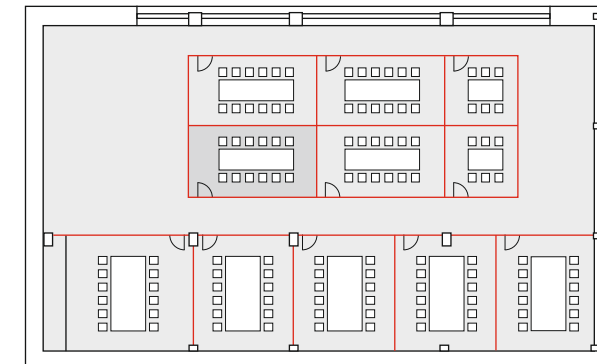
moveable partition specialists

presents DORMA products



**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



— Operable partitions

Design  
Lightness  
Speed  
Flexibility  
Convenience

## 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 day-light-flooded and sound-insulated room concepts.

### 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

\*Laboratory value to EN 20140

### MOVEO concepts



Office  
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Hotel  
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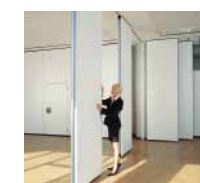
Congress | Event  
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### Technology



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### Service



#### Alternative colour schemes



MOVEO fire rated to F140 (DIN), bright aluminium; 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 Rohrbach, Berlin, Germany



#### 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



## 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.

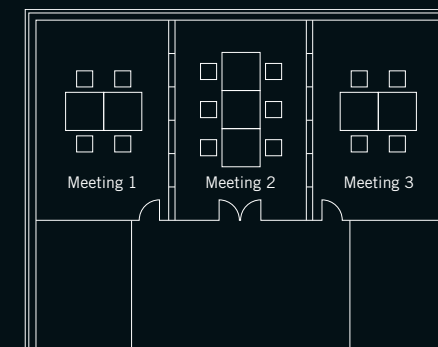
### Transparent and sound-insulating.

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.

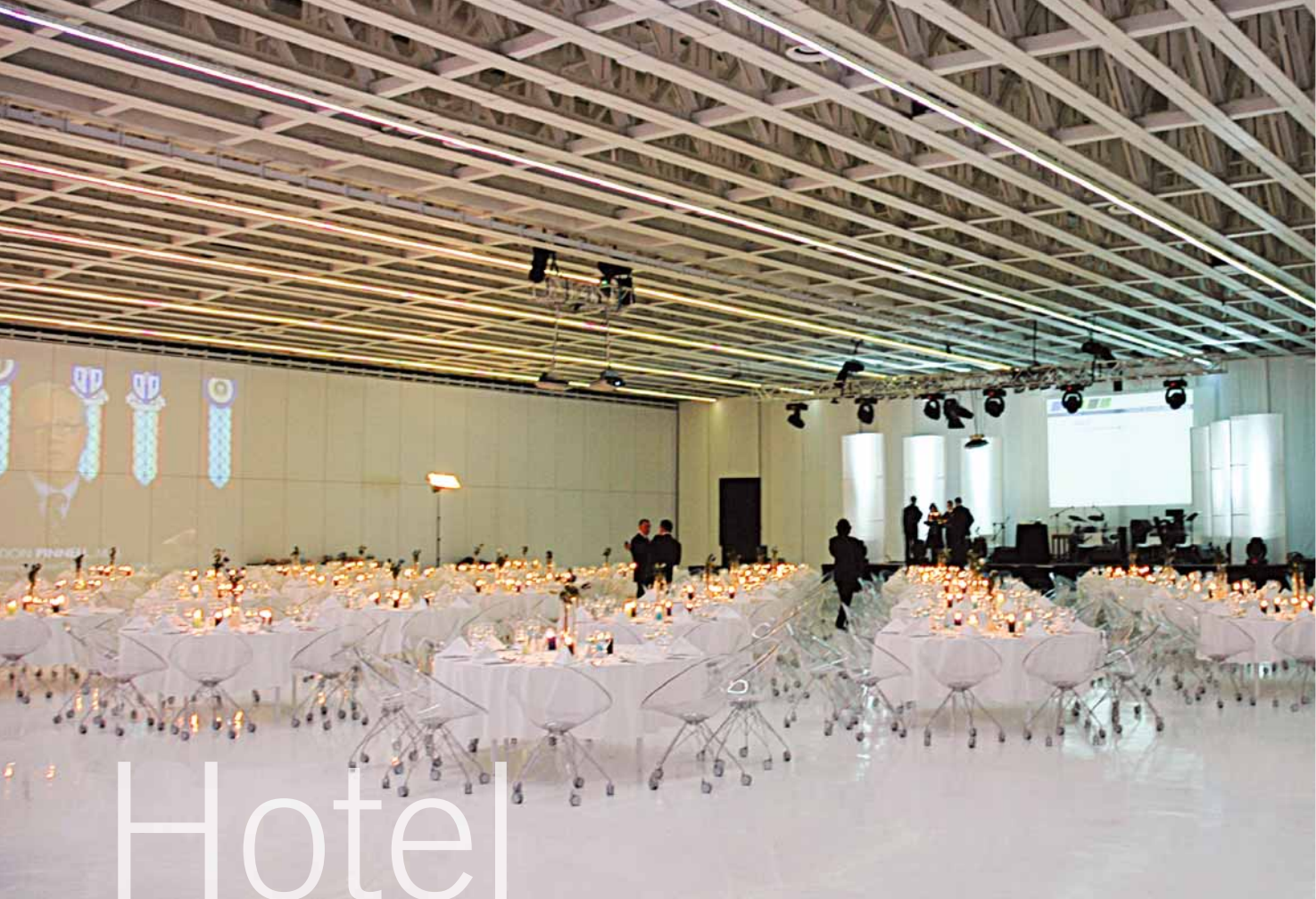
Among the major strengths offered by the system is the combinability of MOVEO standard elements with MOVEO Glass elements. The result is a uniform, “family” appearance with elegance united with the impressive technical advantages of MOVEO movable walls.

\*Laboratory value to EN 20140



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

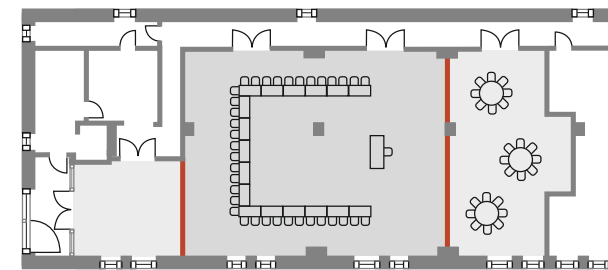




#### MOVEO in UL 54 Polar White

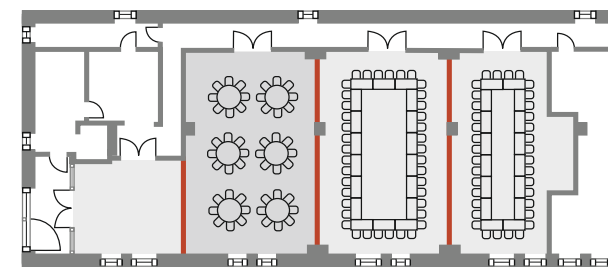
Flexible concept: the MOVEO partition system enables the implementation of numerous room configurations whilst also serving as a functional projection surface. Partitions available for clear heights up to 7,100 mm.

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



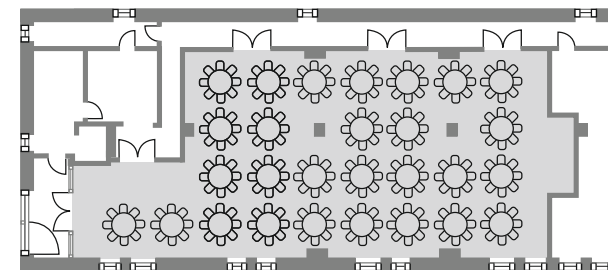
#### 8.30 to 12.00 noon Seminar room and reception

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. With flexible partitioning, the configuration can be changed to meet every requirement. Here, three smaller rooms have been neatly created within the larger space thanks to the use of MOVEO movable walls.



#### 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.

## Multiple space utilisation, multiple gains.

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.

\*Laboratory value to EN 20140



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



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



## Efficient space utilisation – for almost every requirement.

### Each exhibition and conference unique.

It is important for organisers to be able to offer a multifunctional 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 and high rooms can be subdivided at any time into smaller units with a minimum of time invested. The lightweight construction makes sliding the individual elements particularly easy and fast. Thanks to sound insulation values of up to  $R_w^*$  55 dB, different events can also be held simultaneously.

### Event management with MOVEO® operable partitions.

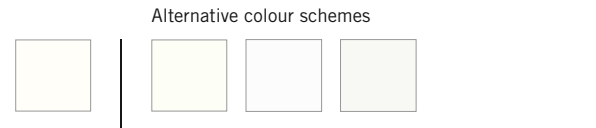
To be successful, events need an inspiring atmosphere capable of bringing the underlying concept to life. Being able to implement intelligent, individualised room configurations is therefore of central importance. The MOVEO system creates room-in-room solutions to suit almost any

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.



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

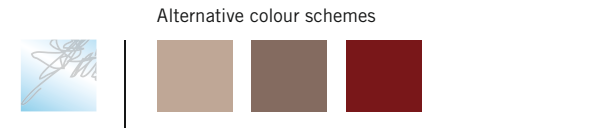




#### MOVEO in 131/7 Super White

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



#### 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



## 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.

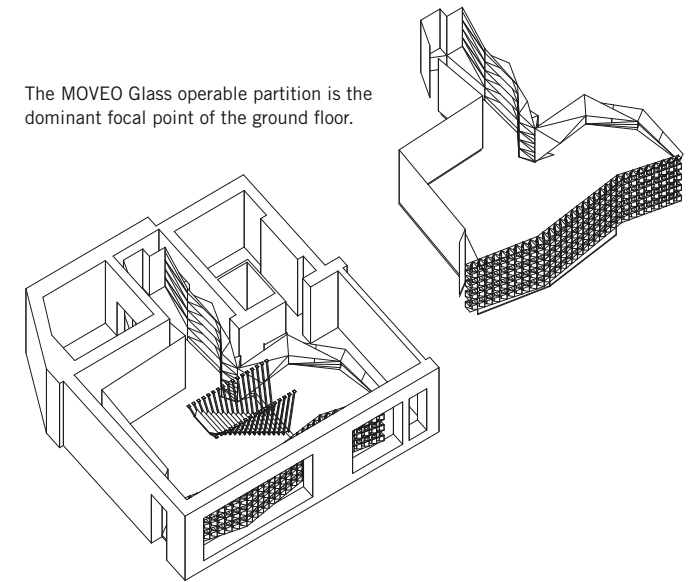
### Scope for creativity almost limitless.

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 digi-prints are just some of the many design variants which can be applied to add an artistic note to the overall aesthetics of the interior.



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





## MOVEO

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

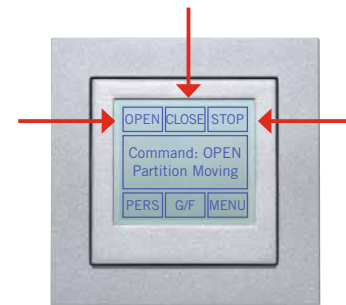
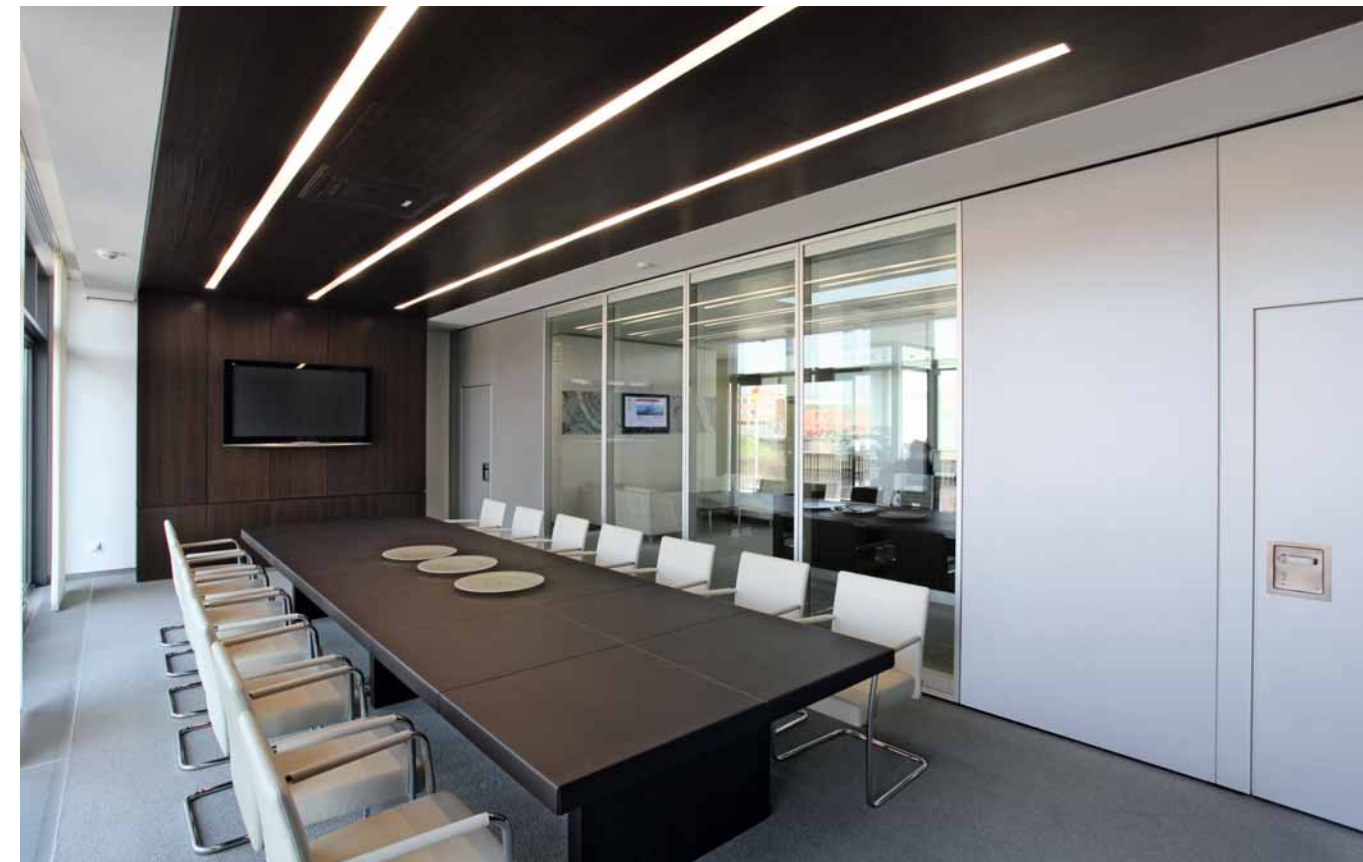
close, the ComforTronic® automatically extends the sealing strips within 5 seconds, with precisely the required contact pressure and with outstanding stability ensured every time (3). In the event of a power failure, the sealing strips can, of course, be manually operated.

### 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 and MOVEO Glass

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

# Partition element types.

Fullwall element

Element with corner connector (flexible positioning)

Angle element

Telescopic element

Telescopic wall abutment

Flap element

Fixed full height passdoor

Element-integral passdoor

Element-integral double passdoor

Glass element

Glass element with 90° corner

Glass element with angle

# Technical data

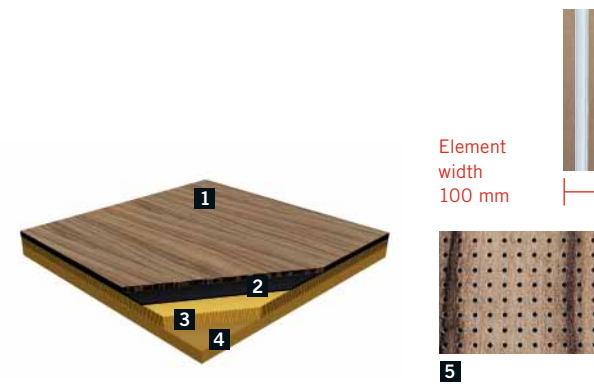
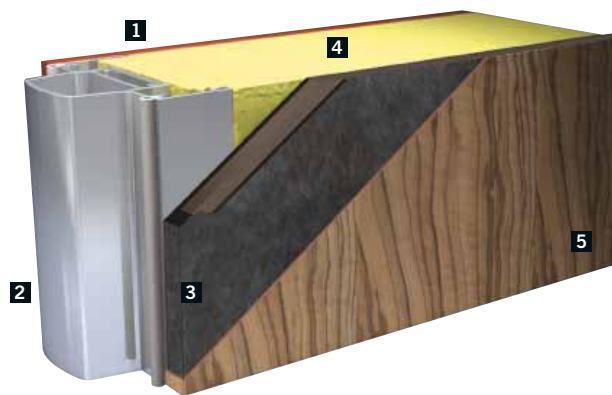
Dimensions		
Element thickness in mm	100	
Element width in mm	600–1,250	
MOVEO clear passage height in mm (min./max.)	2.000–9,000	
MOVEO Glass		
Clear passage height in mm (min./max.)	2,000–4,000	
Frame profile width	horizontal 118 mm; vertical 30 mm	
Glazing	double-skinned, ESG (toughened safety glass)	
Electrically controlled blind	□	
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)	■	
ComfortDrive (fully automatic operation)	□	
Smoke control function	■	
Reduced fire load configuration	□	
Enhanced acoustic configuration	□	
Edging design		
with visible surface edging, Type K	■	
with protective casement edging, Type U	□	
Surface finishes		
	Standard Classic Collection	■
	Premium Design Collection	□
	Functional Collection	□
	Other finishes	□
Technical specifications		
Sound insulation to EN 20140, laboratory value	dB in R <sub>w</sub> *	kg/m <sup>2</sup>
	38 dB	16 kg/m <sup>2</sup>
	42/43 dB	20 kg/m <sup>2</sup>
	49/50 dB	30 kg/m <sup>2</sup>
	55 dB	40 kg/m <sup>2</sup>
Glass element (MOVEO Glass only)	44 dB	34 kg/m <sup>2</sup>
	50 dB	49 kg/m <sup>2</sup>
U-value according to DIN in W/m <sup>2</sup> K (thermal transmittance)	2.1–0.42	
Track types	K, R, SmartTrack and ComfortDrive track	

■ Standard equipment  
 □ Option  
 \* These are laboratory values. Different closure elements produce different sound insulation values.

# Variety of elements for design flexibility.

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.





#### Element construction

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

#### DORMA Acoustic

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| <b>1</b> Micro-perforated cover board | <b>4</b> Insulation board         |
| <b>2</b> Acoustic fleece, black       | <b>5</b> Micro-perforated surface |
| <b>3</b> Absorber layer               |                                   |

## Element construction – cleverly devised down to the last detail.

#### 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-support-

ing, 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.

#### 2 ComforTronic®

The ComforTronic® automatic actuating system comes as standard 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.

#### 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 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.

#### 4 ComforTronic® control contacts

Power is transmitted from element to element via end-face sliding contacts. The system is supplied on a plug & play basis. In the event of a power failure, the sealing strips can, of course, be manually operated.

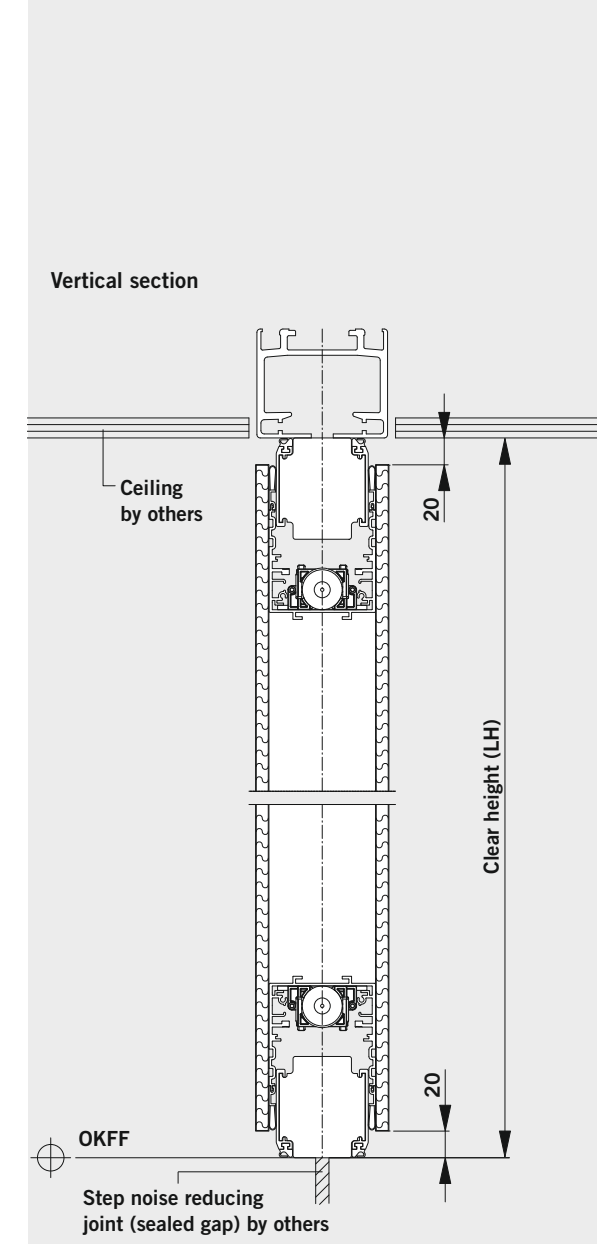
#### 5 Element interconnection

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 | Approx. 40V, Ölflex cable by others, 4 x 1.5mm<sup>2</sup>, 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 mm<sup>2</sup>, 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 mm<sup>2</sup>, flexible, max. length 20 m, to switch
- f | Switch

1 | Concave wall abutment



2 | Fullwall element



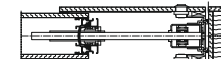
3 | Passdoor



4 | Glass element



5 | Telescopic element  
6 | Wall abutment



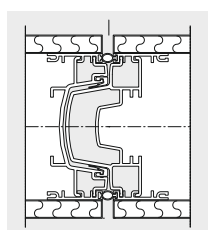
## A truly adaptable design.

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

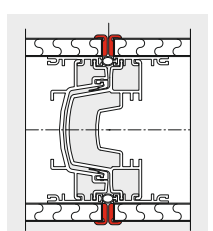
Edging design



Visible edging (Type K)

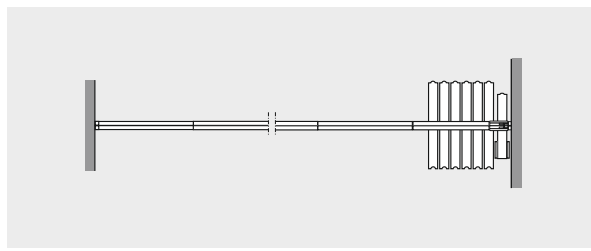


Protective casement edging (Type U)

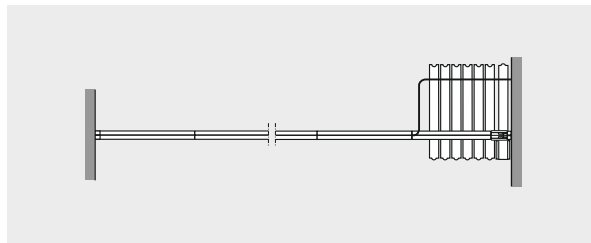




## Inboard parking solutions

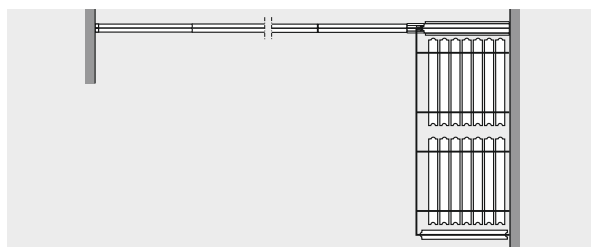


**Parking solution PLA**  
– Single-point suspension  
– 90° to partition axis

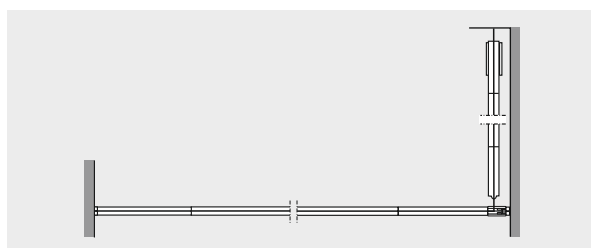


**Parking solution PLB**  
– Two-point suspension  
– 90° to partition axis

## Outboard parking solutions

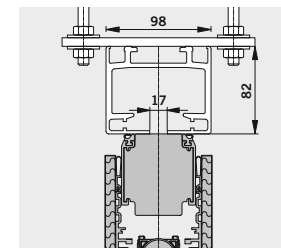
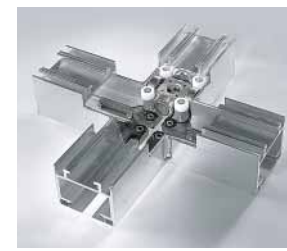


**Parking solution PLC**  
– Two-point suspension  
– 90° to partition axis  
– In several stacks  
– Here with telescopic wall abutment AWA and two-sided stack closure element



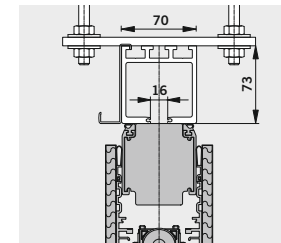
**Parking solution PLD**  
– Two-point suspension  
– 90° to partition axis  
– Parked in a row arrangement

## Track systems

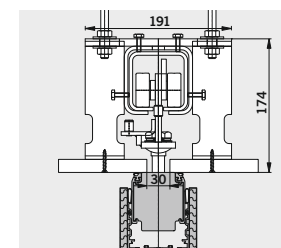
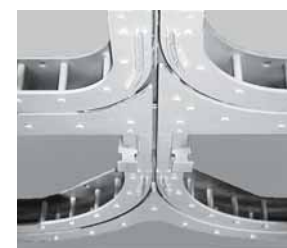


**R-type track**  
Track system for right-angled configurations with cross-roller carriers for element weights up to 500 kg. Support rollers in the junctions guarantee easy operation

when sliding the elements across intersections.



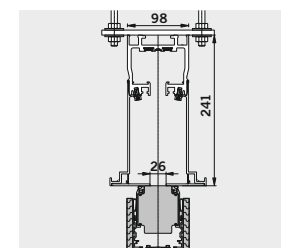
**K-type track**  
Mechanically coded junction technology with curves and switches for easy operation; suitable for element weights up to 250 kg.



**SmartTrack**  
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, without electrical, pneumatic or mechanical actuation.

## 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.

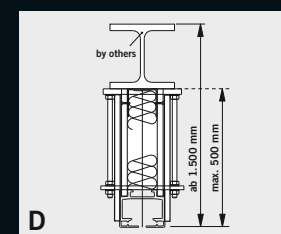
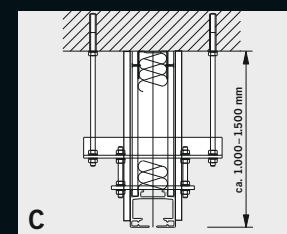
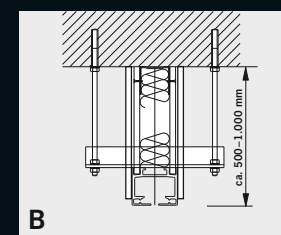
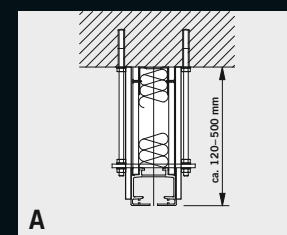
## Easy parking.

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 elements and the associated structural advantages are particularly noticeable here. Above you will find four standard park-

ing arrangements; individual solutions for special requirements are also possible.

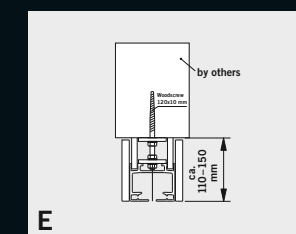
The four standard stacking/parking track systems offer convenient operability with a minimum of noise from the individual elements as they slide into position. And here again, the same overriding

principle applies: to provide the right system for each application – from manual to fully automatic element operation.



## Suspension systems

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





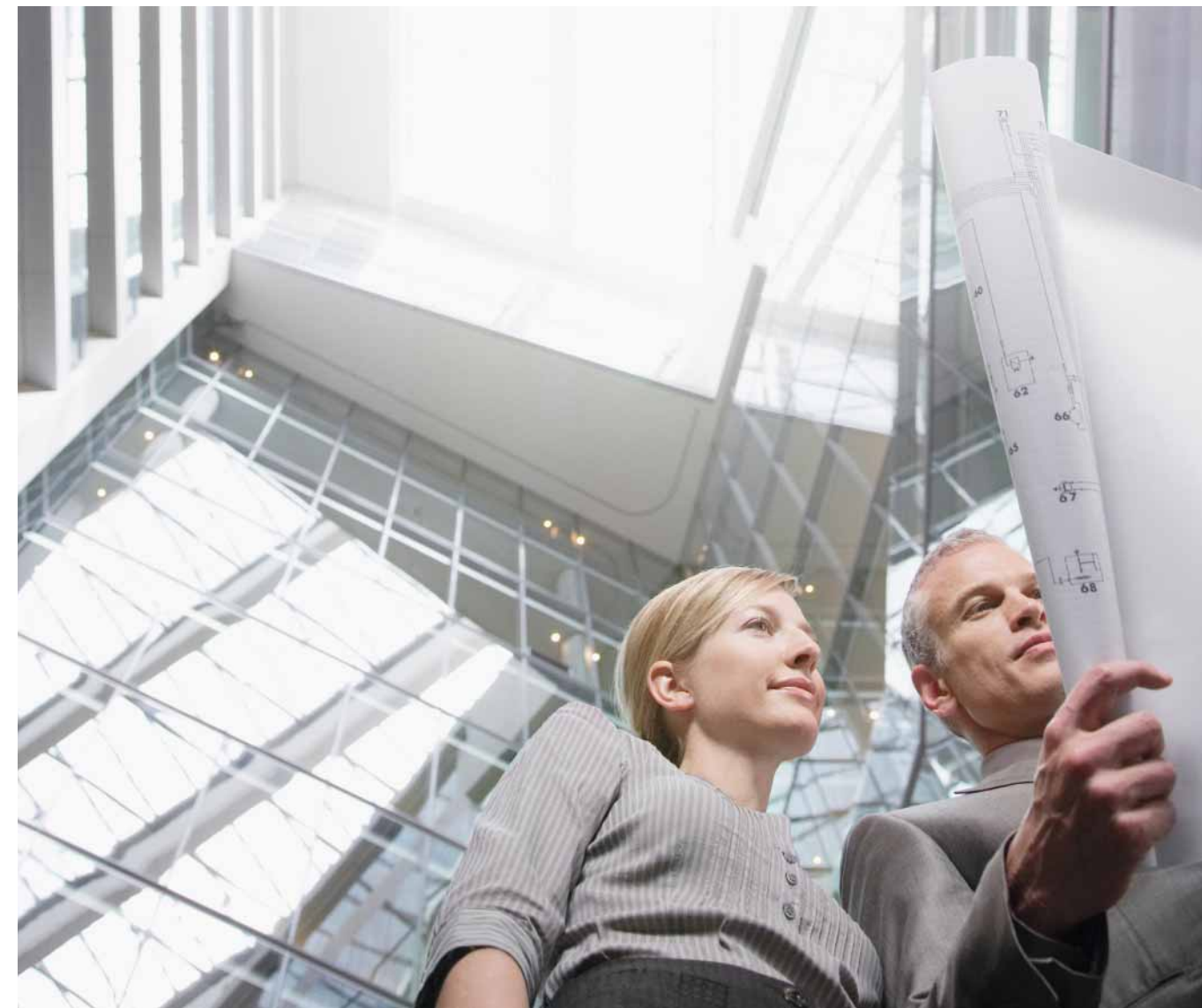
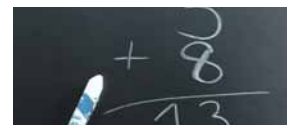
#### Standard Classic Collection



#### Premium Design Collection



#### Premium Functional Collection



## Giving you ideas – surface finishes of many colours and materials.

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.

#### 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.

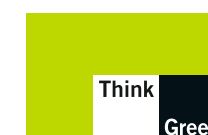
#### Design Collection

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.

#### 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 is your dependable partner for planning reliability in the national and international projects business. One of our core competences in the movable wall segment, for example, lies in our ability to combine high-quality technology and modular system solutions that can be readily tailored to individual requirements. 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 accompa-

nied 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.

In choosing MOVEO, building operators are automatically

opting for a sustainable solution. With low thermal transmittance values, these partition systems are very energy efficient. The MOVEO Glass version in particular enables the utilisation of daylight to maximum effect. And such transparency combined with efficient sound insulation is ideal for creating a truly pleasant working atmosphere.



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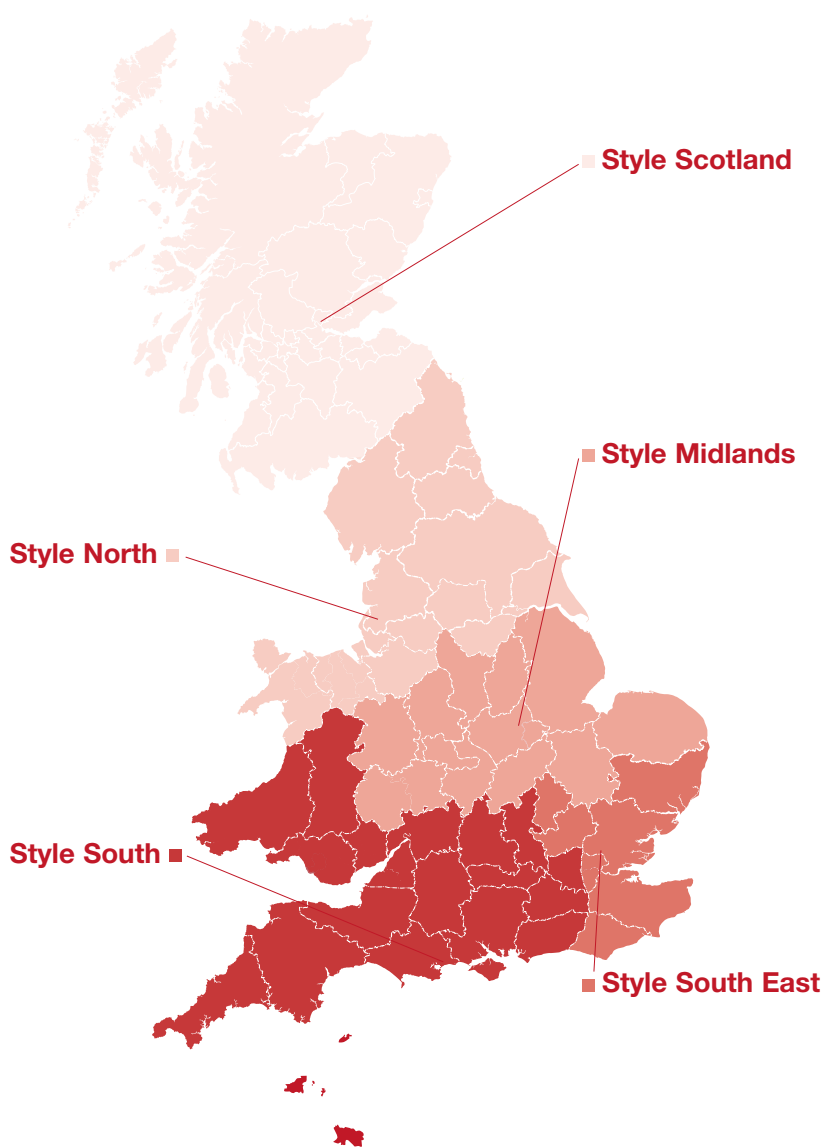
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