

# MOVEO

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Operating Instructions

DORMA

EG Konformitätserklärung  
 EC Declaration of Conformity  
 CE Déclaration de conformité



**DORMA Hüppe Raumtrennsysteme GmbH + Co. KG**  
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**Germany**

als verantwortlicher Hersteller der / as the responsible manufacturer for the / en tant que fabricant responsable de la

**DORMA MOVEO®**

erklärt hiermit die Übereinstimmung der, nach oben genannter Bauart gefertigten, Anlagen mit den einschlägigen Bestimmungen folgender Richtlinien des Europäischen Parlaments und des Rates /

hereby confirms that products/systems corresponding to the above type of construction comply with all the relevant requirements of the following directives of the European Parliament and of the Council / déclare par la présente la concordance des installations, fabriquées suivant le mode de construction mentionné ci-dessus, avec les dispositions pertinentes de sécurité des Directives du Parlement Européen et du Conseil:

- |                                     |             |  |
|-------------------------------------|-------------|--|
| <input checked="" type="checkbox"/> | 2006/95/EG  | Niederspannungsrichtlinie / Low Voltage Directive / Directive basse tension                          |
| <input checked="" type="checkbox"/> | 2004/108/EG | Elektromagnetische Verträglichkeit / Electromagnetic compatibility / Compatibilité électromagnétique |
| <input checked="" type="checkbox"/> | 2006/42/EG  | Maschinenrichtlinie / Machinery directive / Directive machine  |

Die technischen Unterlagen sind erhältlich beim Manager Productcompliance unter: / the technical documentation can be obtained from the Manager Product Compliance at / les documents techniques peuvent être obtenus du Manager Product Compliance sous: [product.compliance@dorma.com](mailto:product.compliance@dorma.com)

Es wurden die produktrelevanten Abschnitte der folgenden Normen und Bestimmungen angewandt / In view of the relevant paragraphs for the product, this declaration is based on the following applied standards and rules / En tenant compte des paragraphes relatifs aux produits, cette déclaration est basée sur les suivantes normes et dispositions appliquées:

Harmonisierte europäische Norm,  
 nationale Regel /  
 Harmonized European standards,  
 national rule /  
 Norme européenne harmonisée,  
 disposition nationale:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> ASR A1.7 | <input type="checkbox"/> EN 61000 - 3 - 3          |
| <input type="checkbox"/> EN 61000 - 6 - 1    | <input checked="" type="checkbox"/> EN 60335 - 1   |
| <input type="checkbox"/> EN 61000 - 6 - 3    | <input type="checkbox"/> EN 60950 - 1              |
| <input type="checkbox"/> EN 61000 - 3 - 2    | <input checked="" type="checkbox"/> EN 60335-2-103 |

Rainer Scholzen

Reinhard Bühne



Geschäftsführer / executive director / Directeur general

Werksleiter / plant manager / chef d'entreprise

Ocholt, 24.07.2012

## METHOD OF PARTITION OPERATION

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The DORMA MOVEO® is a partition system comprising individual elements running along an overhead (usually ceiling-mounted) track. The elements are moved manually into the required position. Once contact is made by an ele-

ment with the wall abutment or preceding element, the integral ComforTronic® actuators automatically extend the top and bottom sealing strips in order to secure and seal the partition with safety low voltage: 42 volts DC.

1. Fullwall element (full-sized wall panel, also available in the form of a sound-insulating glass element).
2. Passdoor element (panel with a built-in sound-insulating door).
3. Double passdoor offering twice the through-passage width.
4. Telescopic element (width-variable panel designed to seal the complete partition for sound insulation at the wall abutment).

## WARNING ADVISORIES

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- If a power cable serving a power supply unit is found to be defective, the complete power supply unit will need to be replaced by another original unit.
- No changes should be carried out on the power supply system, the elements or the track system. Unauthorised technical changes made to these systems can lead to equipment and property damage and even personal injury.
- It is important that the entire operating instruction manual be read prior to using the MOVEO® partition in order to ensure safe operation.
- Ensure that the partition is secured against unauthorised use by removing the key from the key switch at the zero position when the partition is not in use.
- This partition system has not been designed for use by persons (including children) with restricted physical, sensory or mental capabilities or who lack the necessary experience or knowledge, unless accompanied by a person responsible for their safety or unless receiving instructions from such persons on how to use the partition. Children should be supervised at all times and prevented from playing with the system.

## SYMBOL USED

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**Danger symbol** – compliance with instructions is mandatory for the prevention of injury!



**Attention** – ensure compliance with the requirements or advisories indicated as otherwise the partition's function cannot be guaranteed!

# OPERATING THE DORMA-MOVEO®

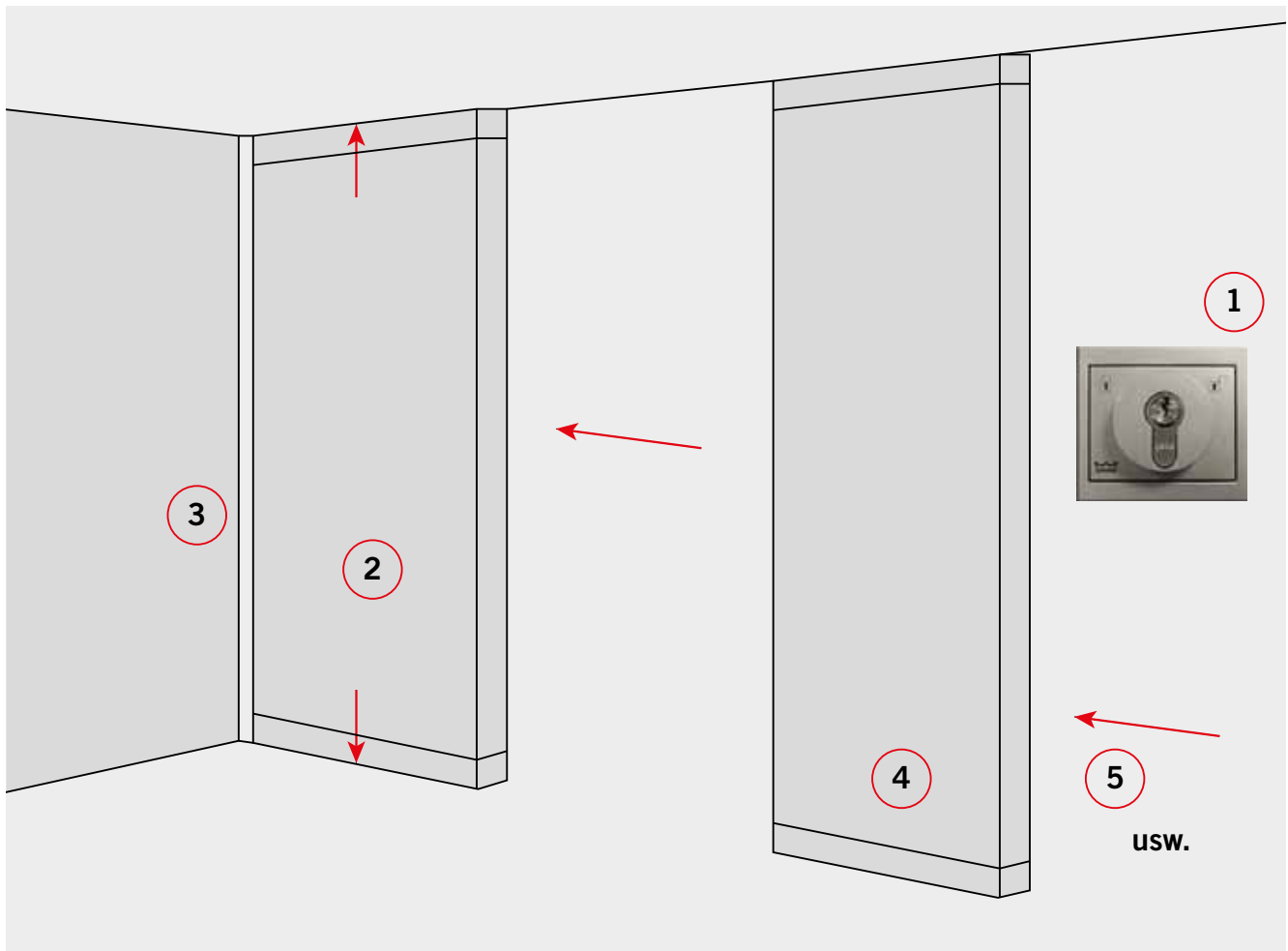
Set the keyswitch (1) to **CLOSE**. 



Remove each element individually from the stacking track/parking area and slide at walking speed to the erection position. Always keep your hands on the element to ensure that it is safely guided.



Elements with a **centre suspension arrangement** need to be guided with both hands on the two vertical edges in order to prevent impact against the floor, ceiling or overhead track. Move elements with a central suspension arrangement along at 90° to the track axis.



Then slide the first element (2) with the convex vertical profile into the concave wall abutment (3), applying a small degree of pressure. The ComforTronic® actuates the top and bottom sealing strips, causing them to extend automatically and to secure the element in position (this takes approx. 5 seconds). Then move all the other elements (4, 5 etc.) individually and in sequence and to the erection position.

The last element is normally a so-called telescopic element with a sliding sleeve that additionally extends to engage with the side wall.

The telescopic element is equipped on both sides with a safety switch (stainless steel pushbutton at a height of approx. 90 cm). One of these buttons needs to be held depressed until the lateral sliding section is completely closed. No button operation is required when opening the partition.



Ensure that no objects or parts of the body are located between the telescopic section and the wall during the partition closing cycle. The pushbutton is not required to open the partition.

Once the partition has been closed, turn the keyswitch (1) to the central neutral position and remove the key to prevent unauthorised operation.



**Unlock the passdoors (where fitted) and open and close them once in order to activate the bottom door seal.**

### Opening the partition.



Lock all the passdoors to ensure that they cannot accidentally open during partition operation!

Turn the key switch to the OPEN position. The last element (usually the telescopic panel) causes all the sealing strips to be electrically retracted.



Wait until the top and bottom sealing strips have completely retracted (motor no longer audible) and then slide the element to the parking/stacking position.

Remove all the other elements individually from the system and slide to the stacking track/parking area.



Remove each element only once the motor sound has died away. This ensures that the **sealing strips have completely retracted** and will not drag along the floor.

After opening the partition, turn the key switch (1) to the central (zero) position and remove to prevent unauthorised use.



1. Clean the surfaces and vertical profiles using only a weak soap solution. In so doing, make sure that the electrical contacts are neither bent nor otherwise damaged.



2. We recommend that you have our Customer Services department service your system on an annual basis.

# MANUAL OPENING

In the event of a power supply failure, the DORMA MOVEO® can be opened and closed using the hand crank supplied. Once inserted in the socket, this will require about 20 rotations to complete the operation. The crank should turn relatively effortlessly – do not use force.

## Manual operation of the passdoor elements



The legs of the two door types – single-leaf and double-leaf – always have to be first unlocked by hand before other elements in the closed partition are unlocked. Only then can safe manual operation be ensured.

## Manual operation of the DT single-leaf passdoor

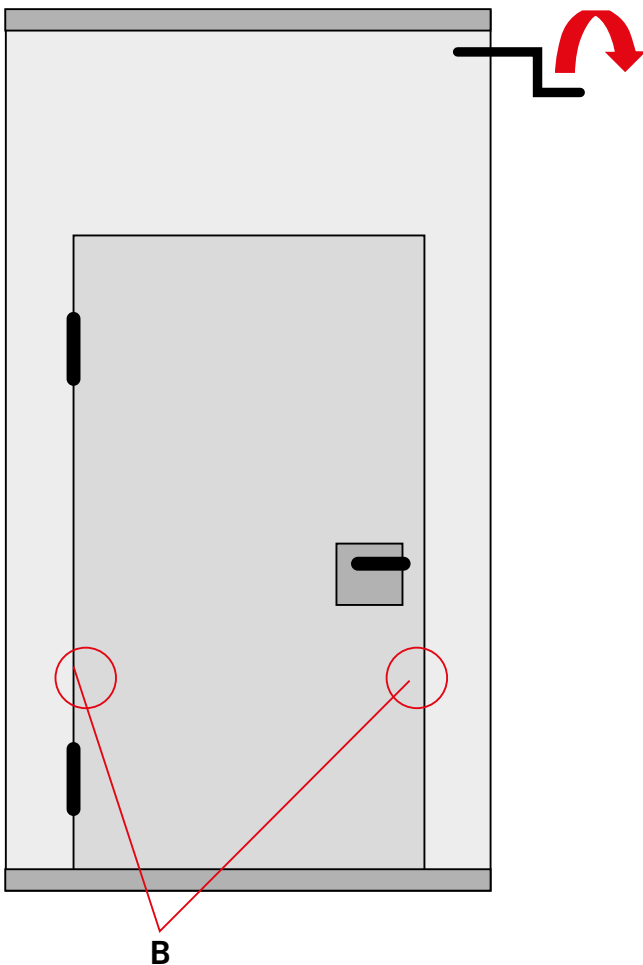
1. With the partition closed, open the door leaf 90° and release the two locks in the legs by rotating the crank clockwise. The crank sockets (B) are located approx. 75 cm from the bottom in the door frame.



2. Carefully close the door leaf and lock using the key so that it cannot accidentally swing open again.



**Warning!** Secure the passdoor element against accidental sideways displacement. (This will cause the door leaf to impact on the floor).



First release bolt B by rotating clockwise, then retract the top sealing strip by turning the crank counter-clockwise.

**Manual operation of the DTZ double-leaf passdoor**

1. With the partition closed, open the two door leaves 90° and release the two locks in the legs by rotating the crank clockwise. The crank sockets (B) are located approx. 75 cm from the bottom in the door frame.



2. Carefully close both door leaves.

3. Retract the sealing strip of the first door by turning the crank counter-clockwise.



4. Move the first door approx. 1 m from the next door while keeping the door leaf in the closed position!

5. Wind the securing bolts of the first door into the door leaf by turning the crank counter-clockwise (V) and slide the door all the way back to the stacking track/parking area.

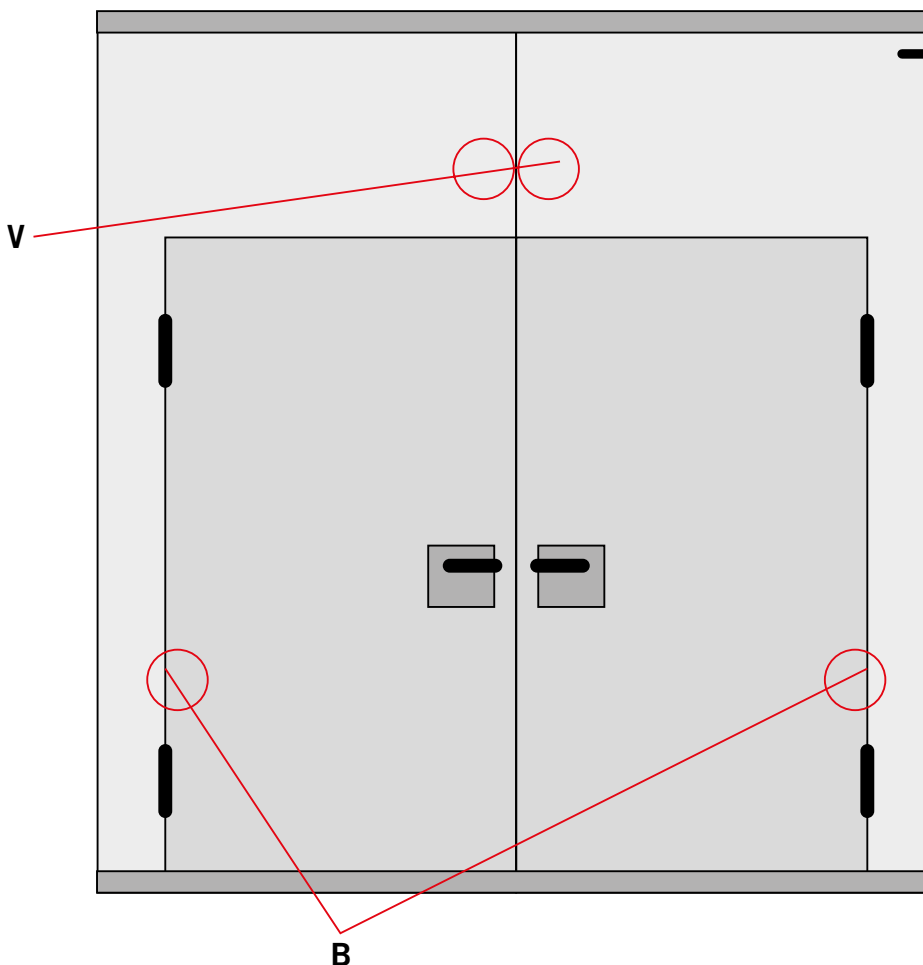
6. Wind in the securing bolts of the second door into the door leaf by turning the crank counter-clockwise (V).

7. Retract the top sealing strip of the second door by turning the crank counter-clockwise.

8. The second door can now be moved to the stacking track/parking area.



**Warning! Secure the passdoor elements against accidental swing if the securing bolts have not yet engaged (door leaves catch on floor).**



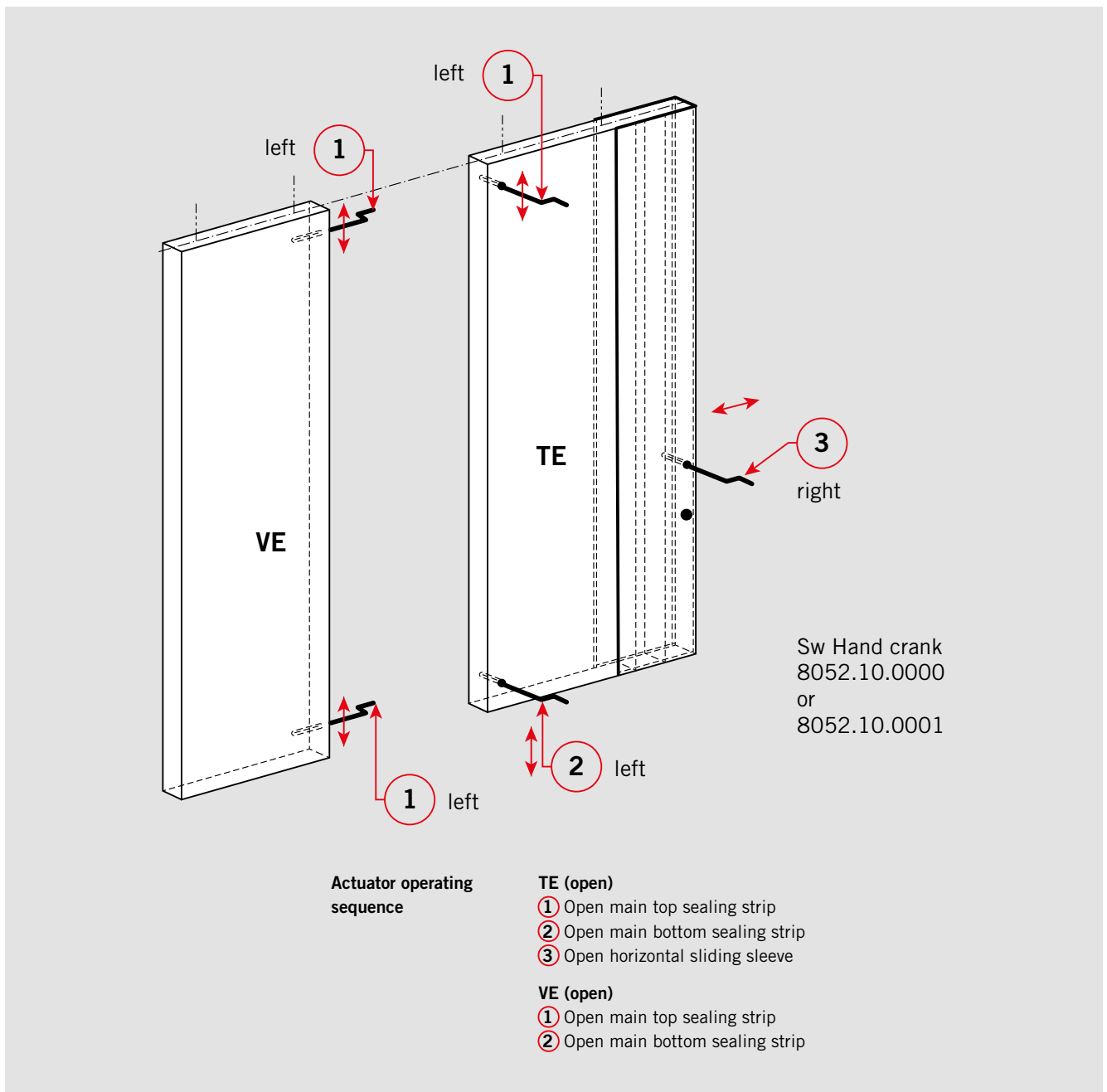
First release bolts B by turning clockwise, then close the door leaves and release the sealing strip of the first leaf at the top by turning the crank in the clockwise direction. Engage both securing bolts (V) one after the other in the door leaves by rotating counter-clockwise. Retract the top sealing strip of the second leaf by turning the crank counter-clockwise.

**Manual operation of the fullwall and telescopic elements**

1. Retract the top sealing strip of the fullwall element by turning the crank counter-clockwise.
2. Retract the bottom sealing strip of the fullwall element by turning the crank counter-clockwise.
3. Detach the element from the preceding element and move to the stacking track/parking area.

**Manual operation of the telescopic element**

1. Retract the top sealing strip of the telescopic element by rotating the crank, having first carefully tested the direction of rotation as the crank may be used from one end or the other depending on the design of the element.
2. Retract the bottom sealing strip of the telescopic element by rotating the crank, having first carefully tested the direction of rotation as the crank may be used from one end or the other depending on the design of the element.
3. Retract the overlapping thrust section of the telescopic element by rotating the crank, having first carefully tested the direction of rotation as the crank may be used from one end or the other depending on the design of the element.



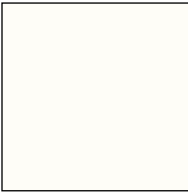



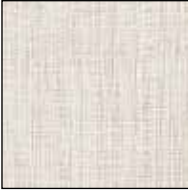

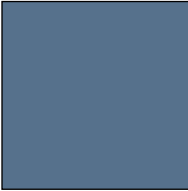
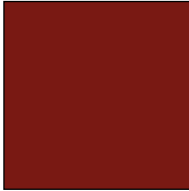


## CARE INSTRUCTIONS:

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Make sure that no abrasive or scouring media (scouring powder, steel wool) are used for regular cleaning. Use no polishing agents, waxes, furniture cleaning products, or bleaches. Do not use any

cleaning products that contain strong acids or very acidic salts, e.g. descaling agents based on formic acid and amino-sulpho acid, drain cleaner, nitric acid, silver polishing agents, oven cleaners.

Surface finishes	Cleaning instructions
<p><b>Laminates</b></p> <div style="display: flex; gap: 10px;">   </div>	<p><b>Light, fresh soiling:</b> Paper wipes; soft, clean cloths (dry or moistened); sponge or similar. After wet cleaning, rub and wipe dry with absorbent paper wipes.</p> <p><b>Normal soiling:</b> Clean, warm water, clean, soft cloth or wipes, soft sponge or soft brush (e.g. nylon brush). Standard cleaning detergent with no abrasive or scouring content, soft soap or curd soap. Lather with cleaning solution and allow to take effect in accordance with degree of soiling. Then rinse with pure water or glass cleaner. Re-wash several times if necessary. Remove all traces of cleaning detergent in order to avoid smears. Wipe surfaces dry with absorbent, clean cloth (or preferably paper wipes).</p>
<p><b>Wood veneers</b></p> <div style="display: flex; gap: 10px;">   </div>	<p><b>Light and normal soiling:</b> Paper wipes; soft, clean cloths (dry). After wet cleaning, rub and wipe dry immediately with absorbent paper wipes.</p>
<p><b>Textiles</b></p> <div style="display: flex; gap: 10px;">   </div>	<p><b>Light and normal soiling:</b> Use soft brush or vacuum clean.</p>
<p><b>Sheet metal</b></p> <div style="display: flex; gap: 10px;">   </div>	<p><b>Light, fresh soiling:</b> Paper wipes; soft, clean cloths (dry or moist); sponge or similar. After wet cleaning, rub and wipe dry with absorbent paper wipes.</p> <p><b>Normal soiling:</b> Clean, warm water, clean, soft cloth or wipes, soft sponge or soft brush (e.g. nylon brush). Standard cleaning detergent with no abrasive or scouring content, soft soap or curd soap. Lather with cleaning solution and allow to take effect in accordance with degree of soiling. Then rinse with pure water or glass cleaner. Re-wash several times if necessary. Remove all traces of cleaning detergent in order to avoid smears. Wipe surfaces dry with absorbent, clean cloth (or preferably paper wipes). Regularly replace wipes/cloths.</p>

## GENERAL INFORMATION:

It is recommended to clean the surface before using the board for the first time in order to remove possible residues. For this thorough cleaning a conventional spirit (ethyl alcohol) can be used. Never use detergents such as washing-up liquids to clean the surface because

they usually contain fatty substances for the skin. A greasy film can remain on the surface making it extremely difficult to clean the surface dryly then.

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### Magnetic boards glossy (Marker Board)



Code: HP 8206 (white)



Code: HP 8208 (grey)

The glossy surfaces are designed to write on with board markers. Writings of suitable board markers can be removed dryly. The quality of the board markers used has a decisive effect on the cleaning result.

**General remarks on board markers:**

Writings with suitable board markers can be removed dryly. However a cleaning without leaving any residues is generally not guaranteed. Depending on the quality of the used markers or surface finish slight residues can remain visible (“ghost images”) which requires - depending on how intensively it is used – a thorough cleaning from time to time. For this thorough cleaning we recommend to use ethyl alcohol, the thinner V100 from EDDING or similar.

Experiences show that quality, age, operating time and storage of the board makers have an enormous impact on the cleaning result. The ratio of mixture of the board marker ink (3 components), being necessary for the dry cleaning, is only guaranteed if the board markers are horizontally stored. Therefore absolutely observe the storage directions of the manufacturers. In case problems still arise concerning the dry cleaning of the boards we recommend to thoroughly clean the surface first of all. Afterwards different types of board markers should be tested.

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### Magnetic boards matt (Projection surfaces)



Code: HP 8217 (white)



Code: HP 8219 (grey)

The matt surfaces of the decors are especially developed as projection surfaces for overhead projectors or similar with the advantage of clearly reduced light reflections. However the surface can be cleaned by using corresponding cleaning agents (often a dampened sponge is already sufficient).

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### Magnetic boards (rough-matt) (green/black)



Code: HP 8205 (black)



Code: HP 8211 (green)

This surface is used to write on with chalk. If required the cleaning can be done with water and a sponge as it is common practise for school black boards.

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This information is based on our current knowledge and experience. However, the user must satisfy himself as to the suitability of the product for its intended use. No legally binding guarantee of features or suitability of the product for a specific purpose can be derived from this information.

## TECHNICAL DATA

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Power supply	230 V~ 50-60 Hz
Output voltage	41 V DC
Output current	max. 5 A
Power consumption at rest	8 W
Power consumption in operation	80 W + n*1,5 W (n = number of elements)
Power supply unit dimensions	L = 254 mm, W = 180 mm, D = 90 mm
Operation	Key switch and pushbutton at the TE control panel

### Maintenance and repair:

Your DORMA MOVEO® partition should be serviced once a year in order to ensure that it remains in good working order. We will be glad to offer you a maintenance agreement covering this annual inspection. This will further reduce the likelihood of the system developing a major fault. Moreover, if the partition needs to be repaired, original spare parts from the manufacturer will always be used.

### Disposal:

The DORMA MOVEO® partition consists of various high-quality materials which can be extensively recycled at end of life. We recommend that you engage a company that specialises in this field in order to ensure that the partition is expertly removed and recycled.

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