



MULTIFUNCTIONAL CONVENIENCE

MUTO – the manual sliding door system with self-closing action and concealed locking.

www.dorma.com/innovation



MUTO – THE COMPACT, FLEXIBLE ALLROUNDER

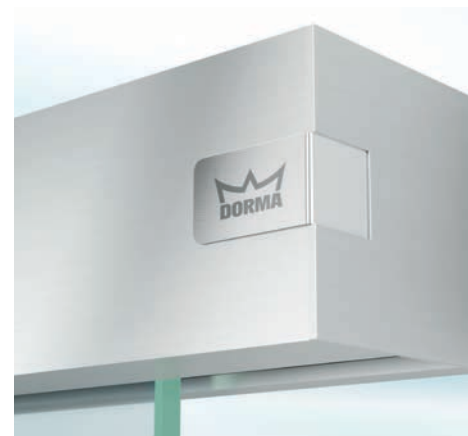
If there is a manual sliding door system designed to impress with an extensive range of features for enhanced ease of operation, then it is MUTO.

Convincing convenience:

- Self-closing action
- DORMOTION damping mechanism
- Integrated electromechanical lock with control
- Status indicator

Versatile:

- Suitable for glass and timber solutions with both light and heavy doors (50 kg – 200 kg)
- Easy installation and adjustment thanks to removable front cover
- Individual design: white, silver and niro with or without logo clip
- Synchro and Telescopic models also available



For convenience

Functions and benefits to make life easier
4 – 5

Product models

MUTO Comfort
MUTO Basic
6 – 7

Elegant design

New compact class
Logo clip
Choice of finishes
8 – 9

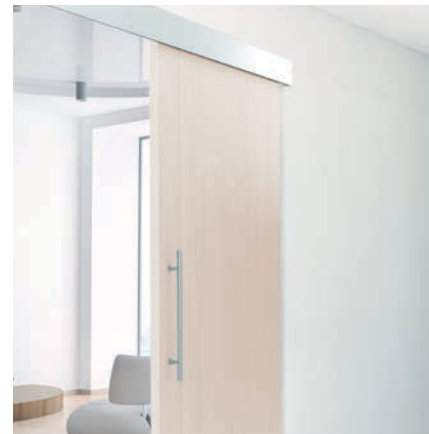
See MUTO in action: www.dorma.com/innovation



Easy installation
 Simple handling
 Precise installation
 10 – 11



MUTO Comfort – ideal for glass
 Technical details
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MUTO Basic – ideal for timber
 Technical details
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FOR CONVENIENCE



MUTO – user-friendly comfort features, individually configurable.

Self-Closing – hassle-free.

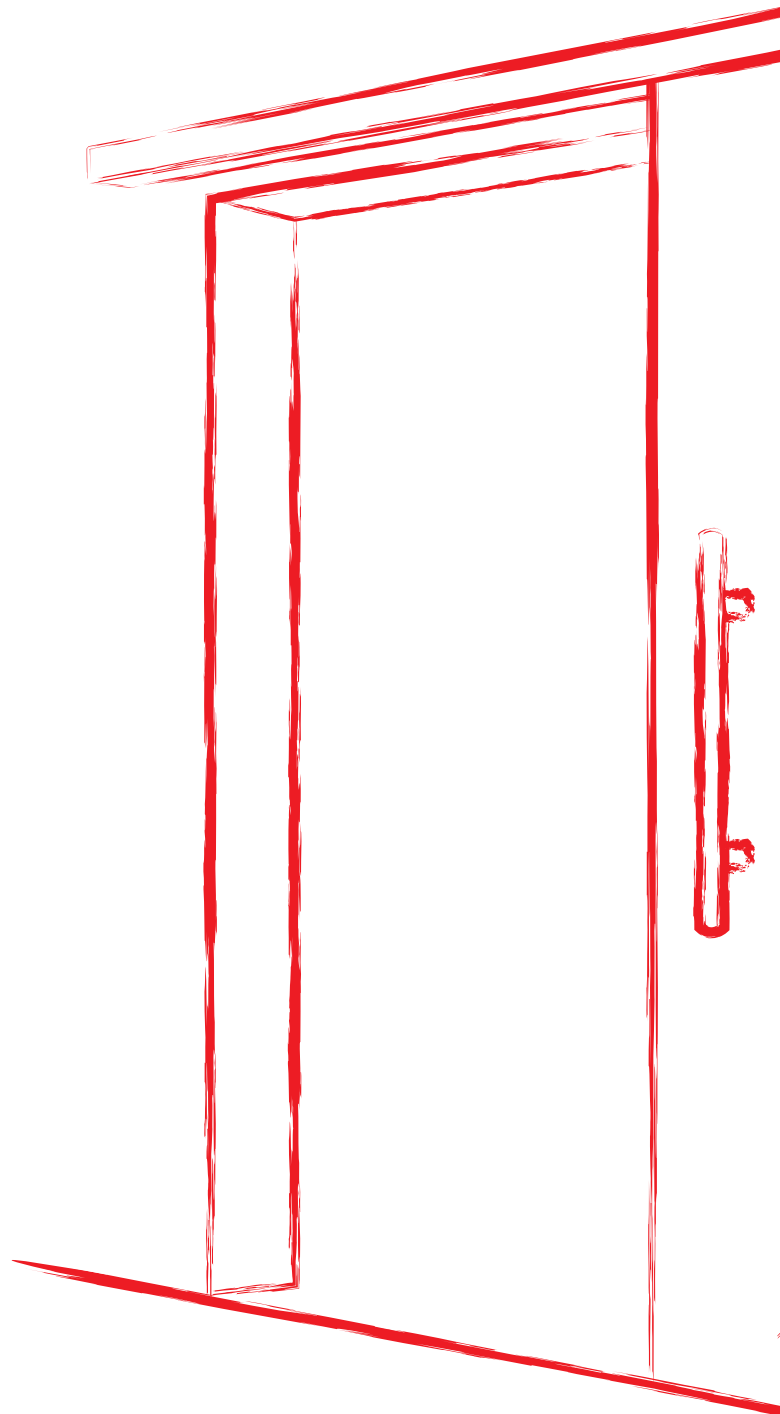


MUTO automatically closes the door once it has been opened – quietly and without power supply. An enhancement to any interior.

DORMOTION – the elegant damping mechanism.



The epitome of elegant convenience, the DORMOTION device gently decelerates the door panel over the last few centimeters, taking it automatically and quietly to its end position.



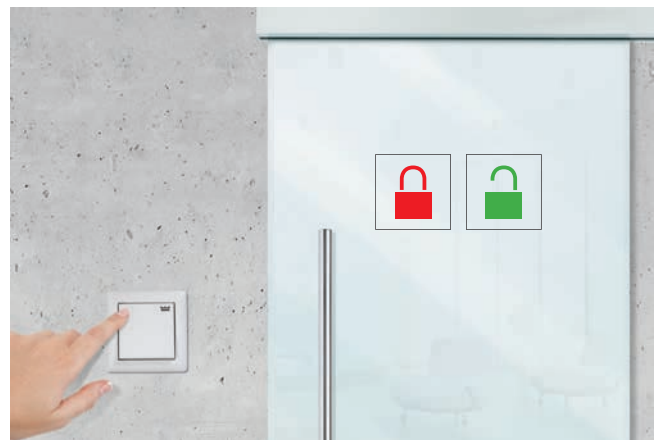
Fascinating how much convenience can be packed into such a compact shape.

The MUTO system impresses by virtue of its compact elegance and the wide functionality it offers, enabling enhanced user-friendliness in a sliding door system: power-free Self-Closing,

damping mechanism, integrated electromechanical lock and a status indicator enabling the door to be monitored from anywhere in the building.

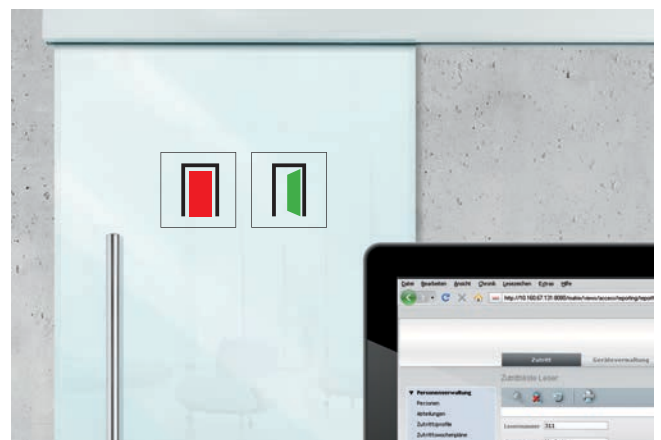
The system is also available in Synchro and Telescopic versions.

Integrated electromechanical lock – discretion assured.



The stand-alone electromechanical lock is concealed in the track rail so that nothing disrupts the smooth lines of the elegant design. The invisible lock can be conveniently operated by remote control or from a battery-powered wall switch.

Status indicator – everything under control.



The status indicator ensures that the sliding door can be monitored with remarkable ease. As soon as the door stands in the open or close position, a status signal is transmitted to the building management system or an indicator lamp – an important benefit in buildings requiring professional facility management capability.

VERSATILE IN FUNCTION AND MATERIAL

MUTO adjusts to your individual requirements:
with Telescopic doors or double-paneled with the Synchro function.

With this compact sliding door system, even tailored solutions come easy. The fully integrated MUTO Comfort system is particularly suitable for glass applications with a multiplicity of functions

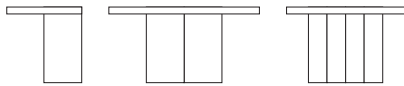
delivered by equipment that stays completely out of sight. This elegant allrounder can also be adapted to timber solutions.

Simple retrofits

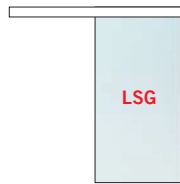
- DORMOTION damping mechanism
- Concealed lock
- Status indicator

You don't know what level of equipment you require yet? No problem. With the practical accessory sets, many extras can be retrofitted as and when required.

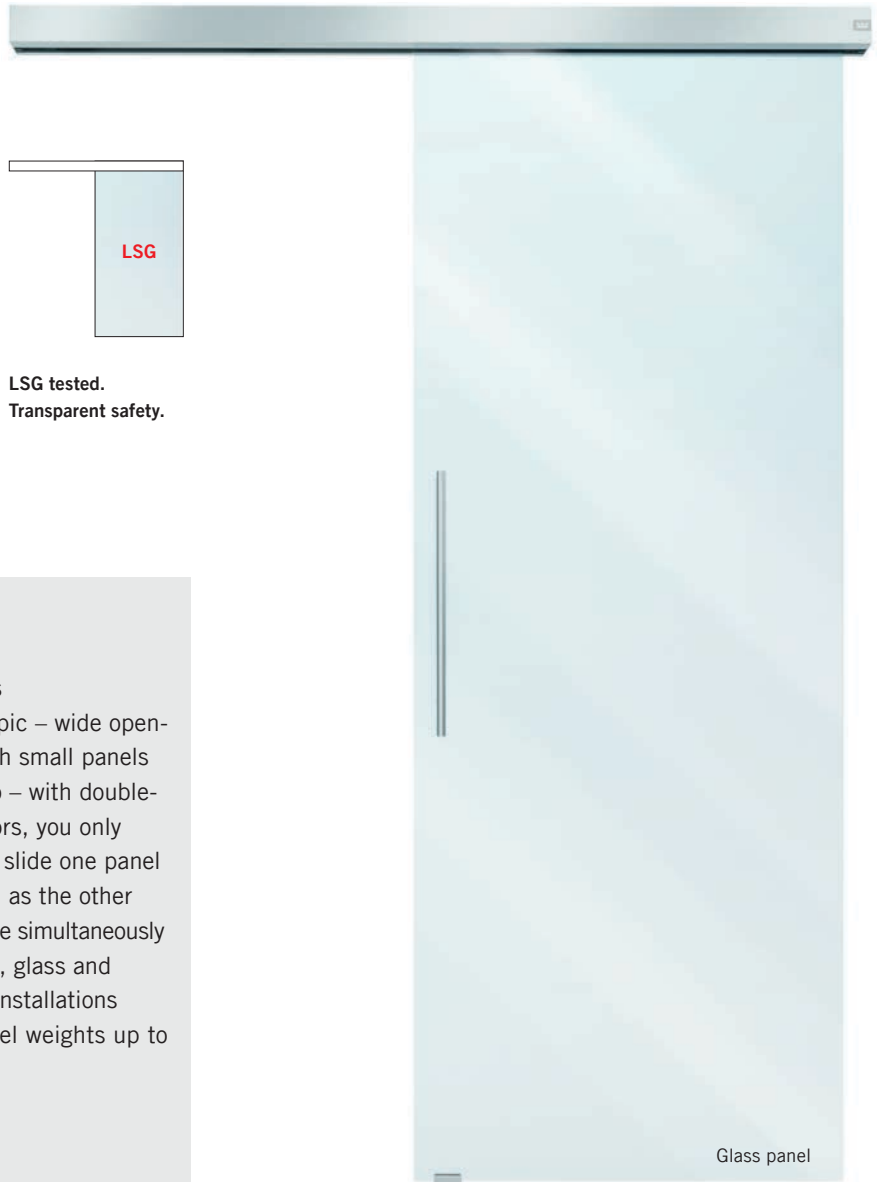
MUTO Comfort



Single panel. Double panel. Single and double panel. Telescopic.



LSG tested. Transparent safety.



MUTO Comfort

User friendly options

- Unpowered self-closing action
- DORMOTION damping mechanism without glass preparation
- Independent concealed locking with electromechanical lock (battery powered)
- Status indicator connecting with your facility management

Variants

- Telescopic – wide openings with small panels
- Synchro – with double-leaf doors, you only need to slide one panel by hand as the other will move simultaneously
- For wall, glass and ceiling installations
- For panel weights up to 150 kg

Elegant accessories

Accessories matched to the door hardware ideally complete the access solution. Choose from a selection of elegant handle bars, pull grips and locks.

Handle bars



Recessed pull grips



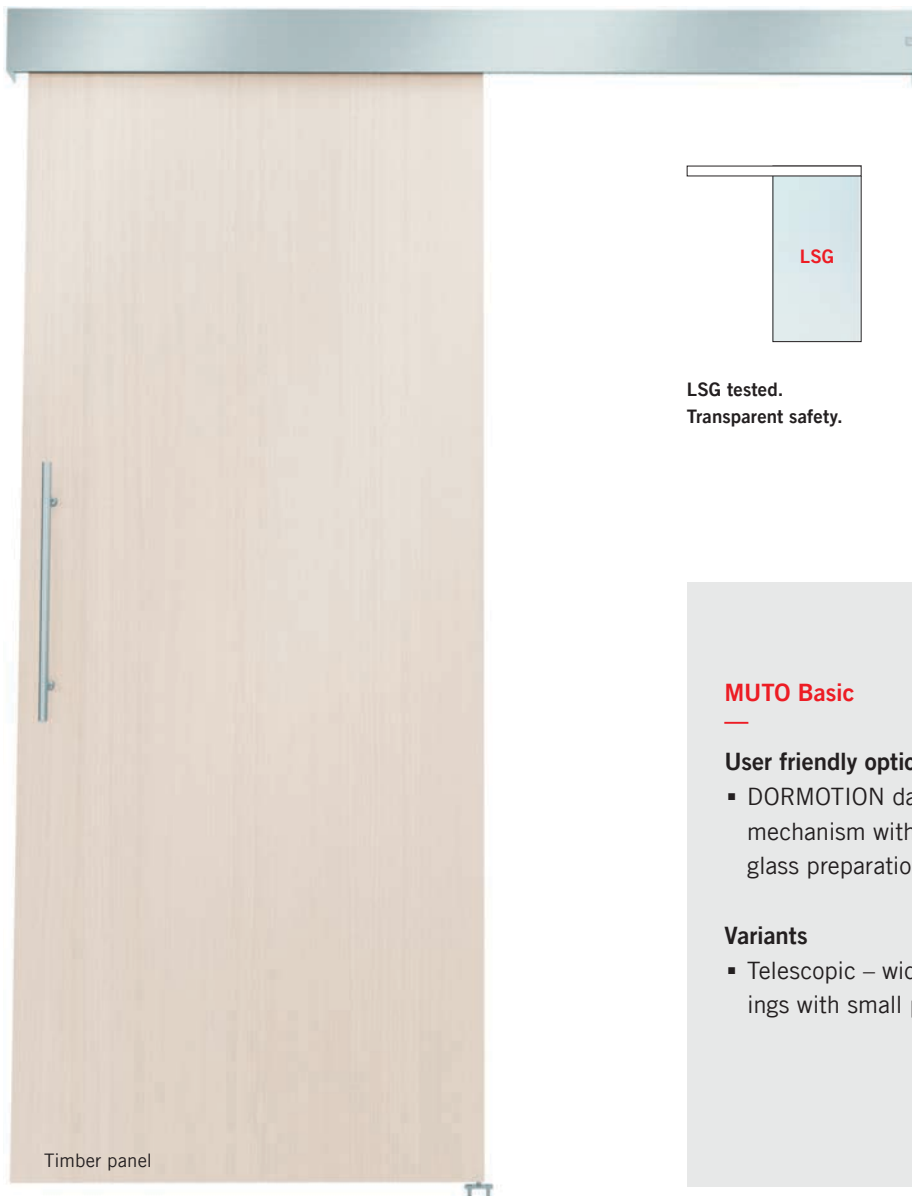
Concealed lock



Locks

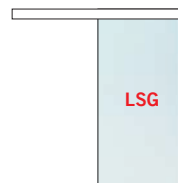


Designed for timber doors as standard, MUTO Basic also can be used with glass panels thanks to special glass clamp fittings. The functional elements can be hidden behind a cover profile.

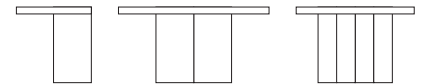


Timber panel

MUTO Basic



LSG tested.
Transparent safety.



Single panel

Double panel

Double panel,
Telescopic

MUTO Basic

User friendly options

- DORMOTION damping mechanism without glass preparation

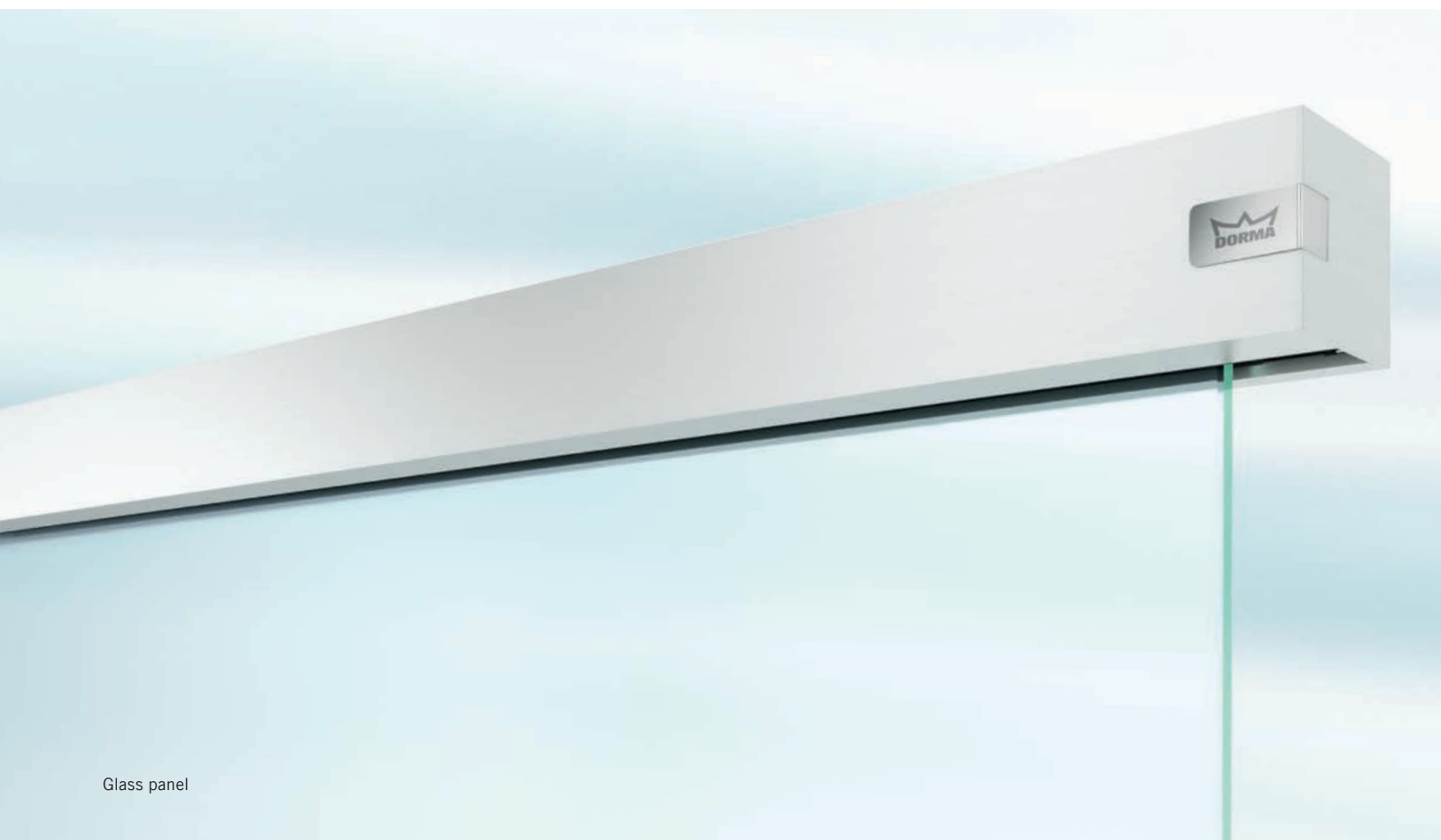
Variants

- Telescopic – wide openings with small panels

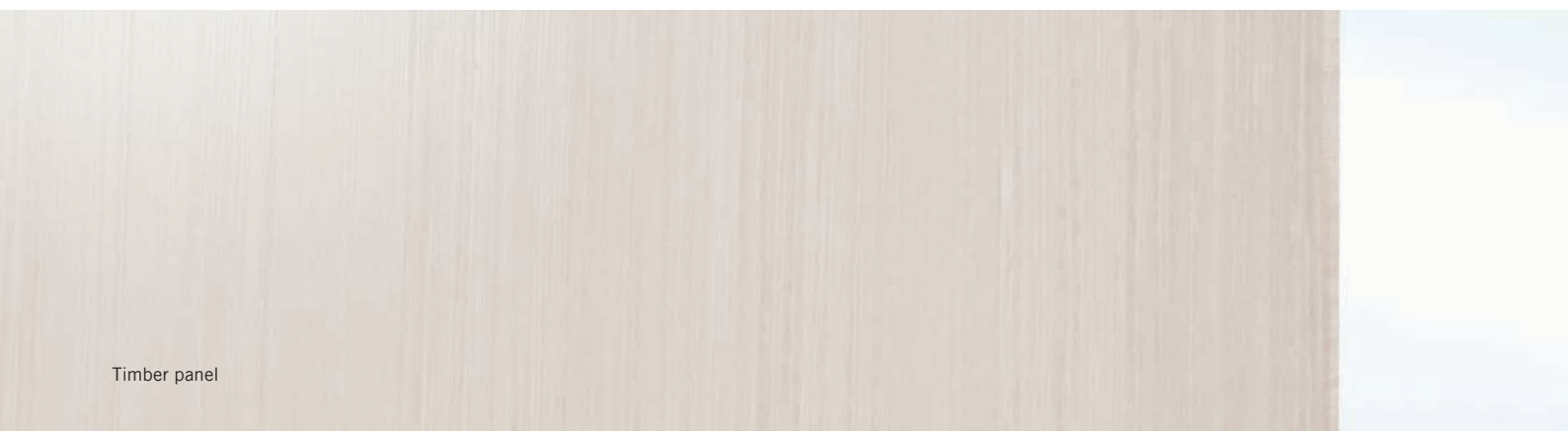
- Synchro – with double-leaf doors, you only need to slide one panel by hand as the other will move simultaneously
- For wall, glass and ceiling installations
- For panel weights up to 200 kg

ELEGANT DESIGN

MUTO – individual design options down to the last detail.



Glass panel



Timber panel

The design style implemented in the MUTO system is conspicuously compact with the complex technology cleverly concealed within the track rail. MUTO is a multi-talent with an appearance to match,

enhancing any project appearance with its pure elegance. The removable logo clip and the choice of finishes are characteristic of DORMA's integrated approach to ambience.



reddot award 2015
honourable mention



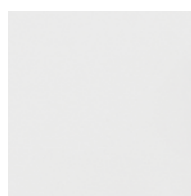
Showing the flag

With its elegant logo clip, MUTO literally flies the flag for the DORMA brand as quality seal. And for those who prefer the more minimalistic look, the MUTO logo clip can be simply removed.



Color scheme

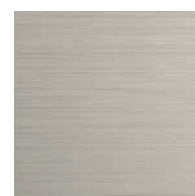
For that extra bit of individuality. The aluminium MUTO profile can be provided in white, silver and niro. Special powder-coated finishes are available on request.



White P 100 Semi Gloss



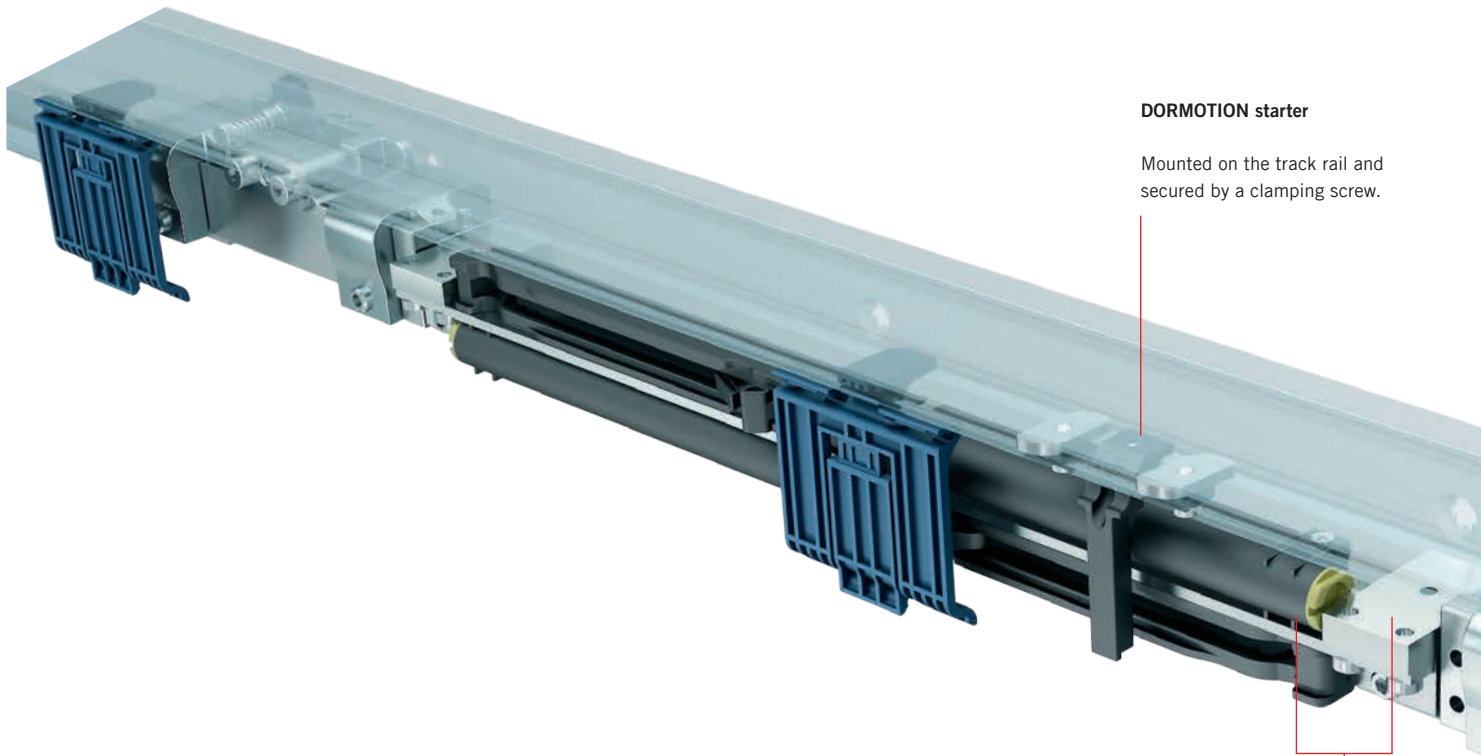
Silver N 600 Satin



Niro N 700 Satin

FAST & EASY TO INSTALL

MUTO – our new standard for quick and hassle-free installation.

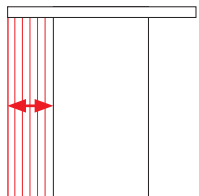
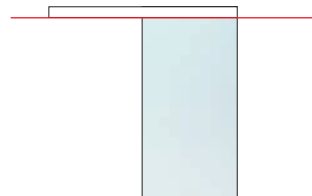
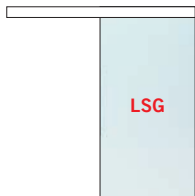


DORMOTION starter
Mounted on the track rail and secured by a clamping screw.

LSG tested. Transparent safety.
MUTO is suitable for the installation of laminated safety glass – with the tested Clamp & Glue technology.

Simple precision
False / suspended ceilings? No problem. The interconnecting profile means that the system can still be installed with precision.

DORMOTION
The damping mechanism is simply mounted on the door panel and clamped tight.



MUTO makes installing manual sliding door systems particularly easy. All the relevant functions can be set from the front. Height adjustment is a remarkably simple affair. No additional glass preparation is needed to incorporate the DORMOTION damping function. And even

false / suspended ceilings are no problem, but rather a welcome variant thanks to the adapter profile that is also provided. MUTO also offers extra safety thanks to its tested Clamp & Glue technology for LSG. The system is thus fully adapted to the use of laminated safety glass.

MUTO installation

Features overview

- Removable front cover
- Easy height adjustment
- DORMOTION without glass preparation
- Prepared for glass and timber
- Tested Clamp & Glue fixing for LSG
- Adapter profile / suspended ceiling installation

Anti-jump mechanism

Simple activation of the anti-jump mechanism.

Clip-on mounting

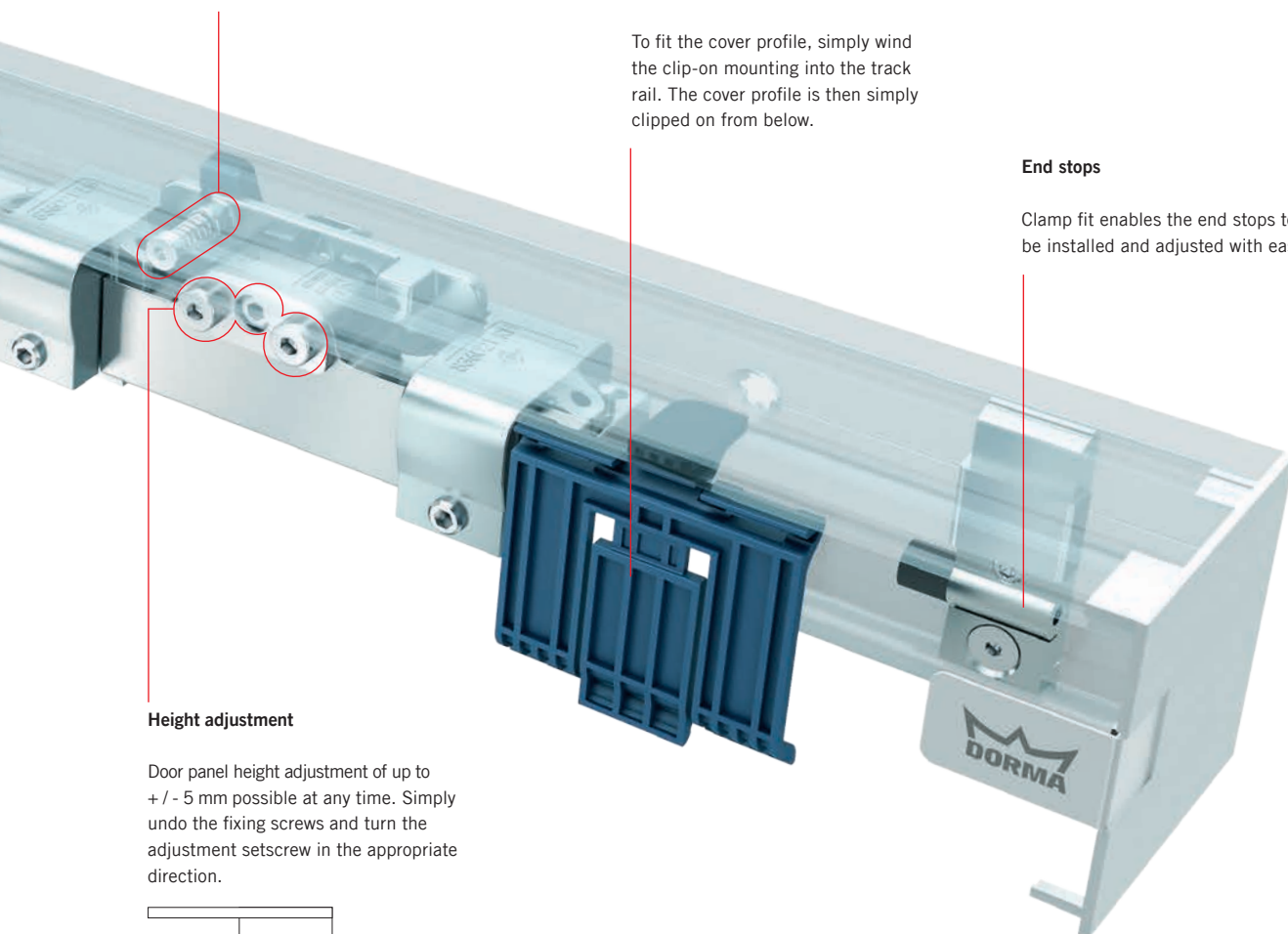
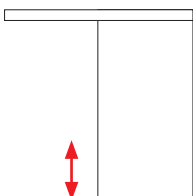
To fit the cover profile, simply wind the clip-on mounting into the track rail. The cover profile is then simply clipped on from below.

End stops

Clamp fit enables the end stops to be installed and adjusted with ease.

Height adjustment

Door panel height adjustment of up to ± 5 mm possible at any time. Simply undo the fixing screws and turn the adjustment setscrew in the appropriate direction.



MUTO COMFORT

Ideal for glass applications. Timber as option.



Product variant	MUTO Comfort XL DORMOTION 80 / 150	MUTO Comfort XL Self-Closing	MUTO Comfort XL Telescopic
Track dimensions	<input type="checkbox"/> W = 72 mm H = 69 mm	<input type="checkbox"/> W = 100 mm H = 69 mm	<input type="checkbox"/> W = 125 mm H = 69 mm
Track dimensions + optional side panel	<input type="checkbox"/> W = 91 mm H = 69 mm	<input type="checkbox"/> W = 119 mm H = 69 mm	<input type="checkbox"/> W = 144 mm H = 69 mm
Basic description			
Max. gap to wall (glass door)	20 mm	20 mm	17 mm
Max. gap to wall (timber door, thickness ≤ 30mm)	7 mm	7 mm	7 mm
Max. gap to wall (timber door, thickness > 30 mm)	7 mm	7 mm	7 mm
Glass thickness	8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
Material thickness (timber)	≤ 50 mm	≤ 50 mm	≤ 50 mm
Installations	Wall, glass, ceiling	Wall, glass, ceiling	Wall, glass, ceiling
Door height	≤ 3,000 mm	≤ 3,000 mm	≤ 3,000 mm
Door width	≤ 2,500 mm	≤ 1,500 mm	≤ 1,200 mm
Door height adjustment	+ / - 5 mm	+ / - 5 mm	+ 5 mm / - 3 mm
Corrosion EN 1670	Class 4	Class 4	Class 4
Door cycles	≥ 200,000	≥ 200,000	≥ 200,000
DIN EN 1527	•	•	•
Max. door weight / single door	150 kg	120 kg	2 x 80 kg
Max. door weight / double door	2 x 150 kg	2 x 120 kg	4 x 80 kg
Easy installation	•	•	•
Prepared for timber	○	○	○
Prepared for LSG	•	•	•
Functionalities			
DORMOTION	• No glass preparation	• No glass preparation	○ No glass preparation
Synchro for 2 door leaves	○	–	–
Status indicator	○	○	○
Concealed EM locking	○	○	○
Installation flush junction	○	○	○
Self-Closing	–	•	–
Summary	For 80 / 150 kg doors, most extras	Self-Closing version for 120 kg doors, most extras	Telescopic version for 80 kg panels, most extras

• yes – no ○ optional



1 door panel



2 door panels with Synchro



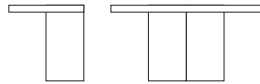
1 or 2 door panels with Telescopic



White P 100 Semi Gloss

Silver N 600 Satin

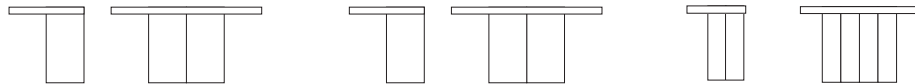
Niro N 700 Satin



MUTO Comfort XL 150	MUTO Comfort L DORMOTION 80	MUTO Comfort L 80	MUTO Comfort M DORMOTION 50
□ W = 62 mm H = 69 mm	□ W = 71 mm H = 58 mm	□ W = 61 mm H = 58 mm	□ W = 57 mm H = 58 mm
□ W = 81 mm H = 69 mm	□ W = 90 mm H = 58 mm	□ W = 80 mm H = 58 mm	–
20 mm	17 mm	17 mm	21.5 – 23.5 mm
7 mm	7 mm	7 mm	7 mm
7 mm	7 mm	7 mm	7 mm
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm	8 – 10 mm
≤ 50 mm	≤ 50 mm	≤ 50 mm	≤ 50 mm
Wall, glass, ceiling	Wall, glass, ceiling	Wall, glass, ceiling	Wall, ceiling
≤ 3,000 mm	≤ 3,000 mm	≤ 3,000 mm	≤ 2,500 mm
≤ 2,500 mm	≤ 2,000 mm	≤ 2,000 mm	≤ 1,300 mm
+ / - 5 mm	+ 5 mm / - 3 mm	+ 5 mm / - 3 mm	+ 2 mm / - 2 mm
Class 4	Class 4	Class 4	Class 2
≥ 100,000	≥ 100,000	≥ 100,000	≥ 100,000
•	•	•	•
150 kg	80 kg	80 kg	50 kg
2 x 150 kg	2 x 80 kg	2 x 80 kg	–
•	•	•	•
○	○	○	○
•	•	•	–
–	○ No glass preparation	–	○ No glass preparation
–	○	–	–
–	○	–	–
–	○	–	–
○	○	○	–
–	–	–	–
For extra heavy doors, no extras	For 80 kg doors, most extras	For 80 kg doors, no extras	For 50 kg doors, DORMOTION available

MUTO BASIC

Ideal for timber applications. Glass as option.



Product variant	MUTO Basic M DORMOTION 50	MUTO Basic M DORMOTION 80	MUTO Basic M Telescopic 80
Track dimensions	<input type="checkbox"/> W ≤ 51 mm H ≤ 45 mm	<input type="checkbox"/> W ≤ 51 mm H ≤ 45 mm	<input type="checkbox"/> W ≤ 106 mm H ≤ 45 mm
Track dimensions + coverprofile	<input type="checkbox"/> W ≤ 64 mm H ≤ 100 mm	<input type="checkbox"/> W ≤ 64 mm H ≤ 100 mm	<input type="checkbox"/> W ≤ 109 mm H ≤ 100 mm
Track dimensions + optional side panel + coverprofile	<input type="checkbox"/> W ≤ 82 mm H ≤ 100 mm	<input type="checkbox"/> W ≤ 82 mm H ≤ 100 mm	<input type="checkbox"/> W ≤ 127 mm H ≤ 100 mm
Basic description			
Max. gap to wall (glass door)	10 mm	10 mm	10 mm
Max. gap to wall (timber door, thickness ≤ 30mm)	7.5 mm	7.5 mm	7.5 mm
Max. gap to wall (timber door, thickness > 30 mm)	7.5 mm	7.5 mm	7.5 mm
Glass thickness	8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
Material thickness (timber)	≤ 50 mm	≤ 50 mm	≤ 50 mm
Installations	Wall, ceiling	Wall, ceiling	Wall, ceiling
Door height	≤ 3,000 mm	≤ 3,000 mm	≤ 3,000 mm
Door width	≤ 2,500 mm	≤ 2,500 mm	≤ 2,500 mm
Door height adjustment	+ / - 5 mm	+ / - 5 mm	+ / - 5 mm
Corrosion EN 1670	Class 3	Class 3	Class 3
Door cycles	≤ 50.000	≤ 50.000	≤ 50.000
DIN EN 1527	•	•	•
Max. door weight / single door	50 kg	80 kg	2 x 80 kg
Max. door weight / double door	2 x 50 kg	2 x 80 kg	4 x 80 kg
Easy installation	•	•	•
Prepared for timber	•	•	•
Prepared for LSG	•	•	•
Functionalities			
DORMOTION	<input type="radio"/> No glass preparation	<input type="radio"/> No glass preparation	<input type="radio"/> No glass preparation
Synchro for 2 door leaves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Status indicator	–	–	–
Concealed EM locking	–	–	–
Installation flush junction	–	–	–
Self closing	–	–	–
Summary	For 50 kg doors, DORMOTION and Synchro available	For 80 kg doors, DORMOTION and Synchro available	Telescopic version for 80 kg panels, DORMOTION and Synchro available

• yes – no ◦ optional



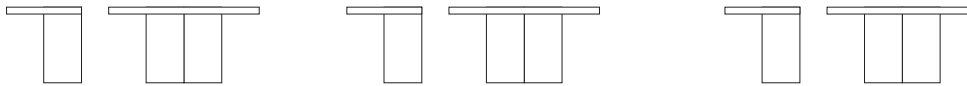
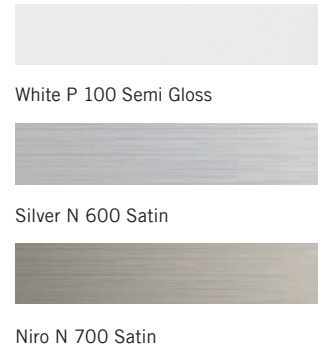
1 door panel



2 door panels with Synchro



1 or 2 door panels with Telescopic



MUTO Basic L DORMOTION 120	MUTO Basic XL DORMOTION 160	MUTO Basic XL 200
<input type="checkbox"/> W ≤ 55 mm H ≤ 52 mm	<input type="checkbox"/> W ≤ 75 mm H ≤ 72 mm	<input type="checkbox"/> W ≤ 75 mm H ≤ 72 mm
<input type="checkbox"/> W ≤ 70 mm H ≤ 100 mm	<input type="checkbox"/> W ≤ 78 mm H ≤ 142 mm	<input type="checkbox"/> W ≤ 78 mm H ≤ 142 mm
<input type="checkbox"/> W ≤ 89 mm H ≤ 100 mm	<input type="checkbox"/> W ≤ 97 mm H ≤ 100 mm	<input type="checkbox"/> W ≤ 97 mm H ≤ 100 mm
10 mm	20 mm	20 mm
8.5 mm	18 mm	18 mm
11 mm	8 mm	8 mm
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
≤ 50 mm	≤ 50 mm	≤ 50 mm
Wall, ceiling	Wall, ceiling	Wall, ceiling
≤ 3,000 mm	≤ 3,000 mm	≤ 3,000 mm
≤ 2,500 mm	≤ 2,500 mm	≤ 2,500 mm
+ / - 5 mm	+ / - 5 mm	+ / - 5 mm
Class 3	Class 3	Class 3
≤ 50.000	≤ 50.000	≤ 50.000
•	•	•
120 kg	160 kg	200 kg
2 x 120 kg	2 x 160 kg	2 x 200 kg
•	•	•
•	•	•
•	•	•
○ No glass preparation	○ No glass preparation	–
○	○	○
–	–	–
–	–	–
–	–	–
–	–	–
For 120 kg doors, DORMOTION and Synchro available	For 160 kg doors, DORMOTION and Synchro available	For 200 kg doors, Synchro available



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