



MUTO Comfort M 60



Extract of
Technical Brochure
Manual Sliding Door
Systems

Available from CW 20

Design your rooms the way you want them

Whether for living or office areas, wherever elegant transitions from one room to another need to be provided, toughened glass assemblies offer the architectural elegance of open, transparent, inviting access.

Sliding doors also add a certain lightness and a more generous appearance to small rooms. Easy-to-install solutions mean that your space-defining idea in glass can be readily made reality.

MUTO

The manual sliding door system for timber panels. Compact, flexible and with a wide range of options. Simple installation and adjustability from the front. Convenience "Comfort" options such as automatic closing function and integrated battery-operated lock eliminating the need for an external power supply MUTO is also available as telescopic variant.

Applications and features	 MUTO M 60	MUTO L 80	MUTO Premium XL 80/150
Suspended sliding door	●	●	●
Integrated / concealed carrier	●	●	●
1 panelled sliding door	●	●	●
Two panelled bi-parting sliding door		●	●
Integrated locking device		●	●
Status indicator		●	●
Suspended ceilings		●	●
Self-Closing			
Synchro version		●	●
Telescopic function (panel moves in sync)			
End-position engage cushioning	●	●	●
Installation at wall	●	●	●
(Installation at wall; version with large glass-to-wall clearance for bridging existing frames) + direct track fixing to wall			
Installation at ceiling	●	●	●
Fixed at glass		●	●
Safe use of laminated safety glass elements	●	●	●
System integration of fixed side panels	●	●	●
Timber sliding door possible	●	●	●
Curved systems			
Panel attachment with no glass preparation ¹⁾	●	●	●
Max. sliding panel weight	60 kg	80 kg	80 / 150 kg
Min. sliding panel width (mm)	without DORMOTION	600 ^{3) 4)}	660 ³⁾
	with DORMOTION	600 ^{3) 4)}	810 / 1,020 ³⁾
Max. sliding panel width (mm)	1.300	1,500 (max. 2,000) ⁷⁾	1,500 (max. 2,500) ⁷⁾
Max. sliding panel height (mm)	2.500	3,000	3,000
Glass thicknesses (mm) sliding panel	8 – 12	8 – 13.5	8 – 13.5
Glass type	TSG / LSG ^{4) 5)}	TSG / LSG ^{4) 5)}	TSG / LSG ^{4) 5)}
Wood thickness (mm) sliding panel	28 – 50	28 – 50	28 – 50
Glass thicknesses (mm) integrated sidelights	8 – 13,5	8 – 13.5	8 – 13.5

1) Glass machining only necessary for individual thumbturn or other handle types.

2) 120 kg for glass or timber panels with two carriers. 150 kg for glass panels with three carriers.

3) To ensure optimal operation, we recommend an aspect ratio of 1:2 or 1:3

4) LSG with accessory set LSG

5) LSG consisting of 2 x TSG

6) After consultation: without DORMOTION min. 400 mm possible, with DORMOTION min. 550 mm possible

General information

MUTO

The systems are based on a thoroughly modular construction principle, enabling them to be adapted to different requirements!

Weight classes

- 60 kg NEW
- 80 kg
- 150 kg

Activity rate, longevity

- ≥ 50.000 cycles at 60 kg variant NEW
- ≥ 100.000 cycles at 80 kg variant
- ≥ 200.000 cycles at 80/150 kg variant
- Self-Closing, max. 120 kg
- Telescopic, max. 2 x 80 kg

DORMOTION – the elegant damping mechanism



Integrated electromechanical lock – discretion assured



Status indicator – everything under control

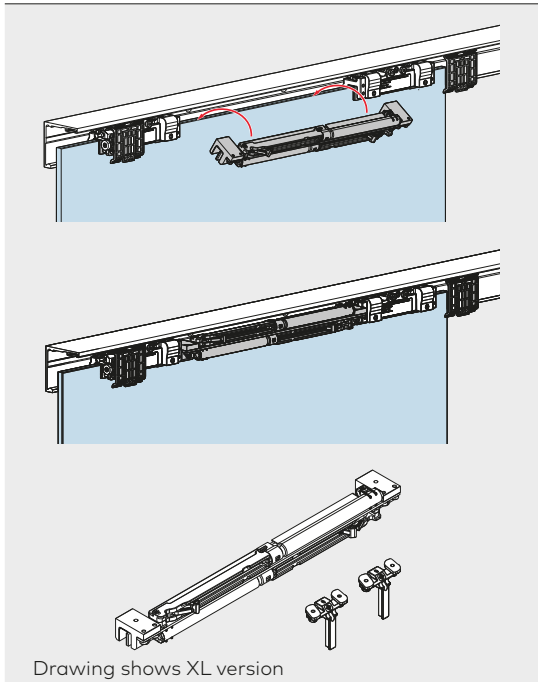


Self-Closing – hassle-free



Retrofittable and safe

Features and data

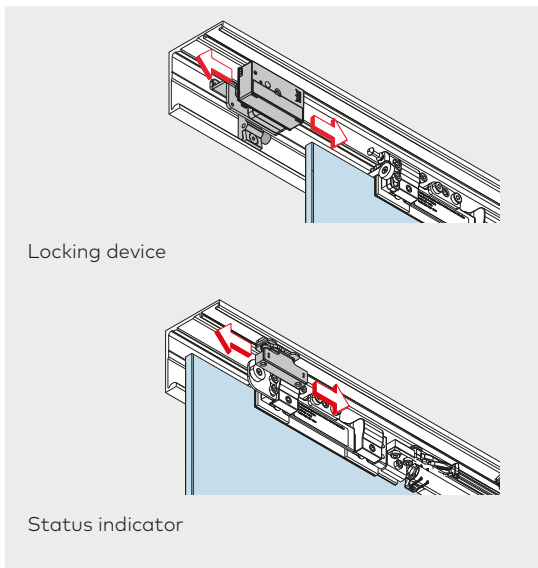


DORMOTION

(damping mechanism)

- Retrofittable in existing systems (without the need for disassembly)
- Applies to the following "Comfort" systems:
 - MUTO Comfort M NEW
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic

Bei Verwendung einer DORMOTION-Einheit, empfehlen wir die Montage einer Griffstange.



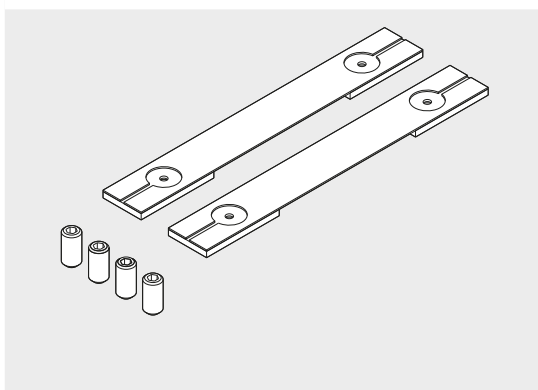
Integrated lock and status indicator

Integrated lock (only in conjunction with the DORMOTION damping mechanism)

- Retrofittable (ensure compliance with profile dimensions)
- Battery-operated
- Not suitable as a security barrier
- Not suitable for outdoor facilities
- Applies to the following "Comfort" systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

Status indicator (only in conjunction with the DORMOTION damping mechanism)

- Cable entry required
- Not suitable for outdoor facilities
- Applies to the following "Comfort" systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

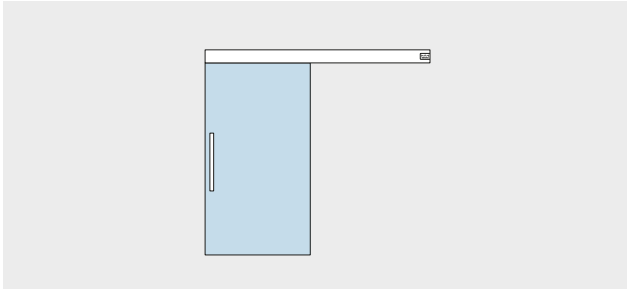


Secure hold for laminated safety glass without any mechanical glass preparation thanks to Clamp&Glue technology

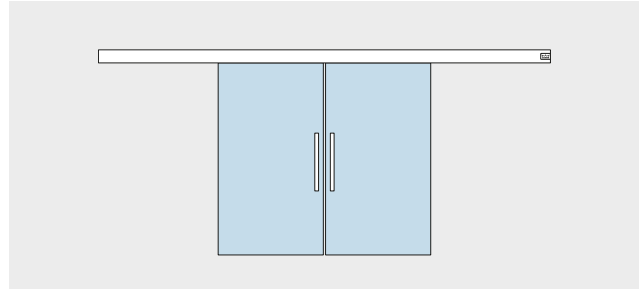
- Easy retrofitting of the carriers with LSG accessory set
- No unwanted LSG phenomena:
 - No bubble formation
 - No laminate slippage
 - No glass fracture as a result of excessive clamping forces
 - No negative influence of temperature change (foil disappears) thanks to Clamp&Glue technology
- Applies to the following "Comfort" systems:
 - MUTO Comfort M NEW
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

Installations

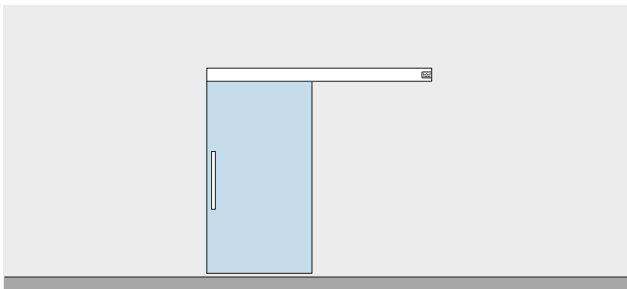
With one sliding panel



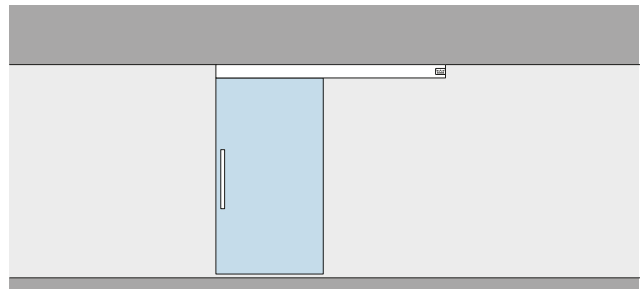
With two sliding panels



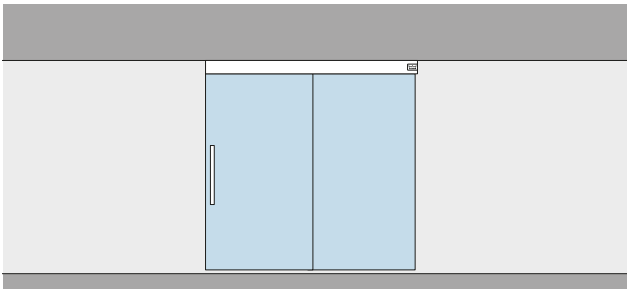
Fixed at wall



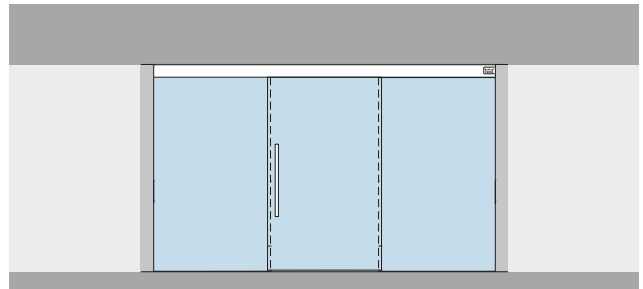
Fixed at ceiling



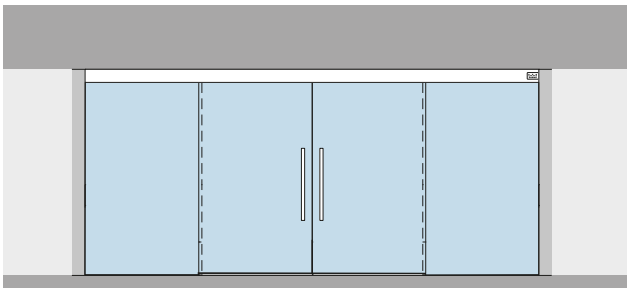
Fixed at transom with sidelight



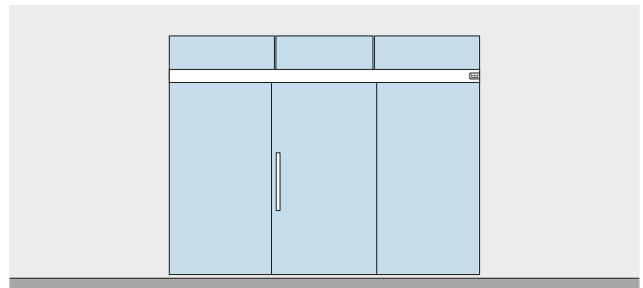
Fixed at transom with sidelight



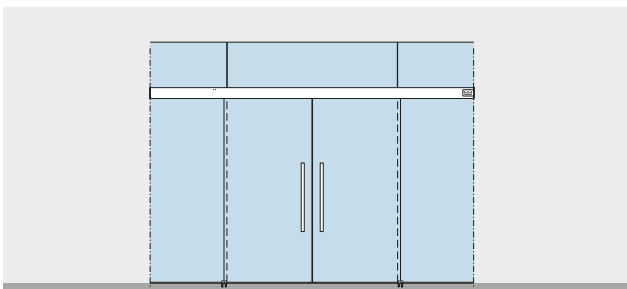
Fixed at ceiling with sidelights



Fixed at glass – with glass fanlight and glass sidelights

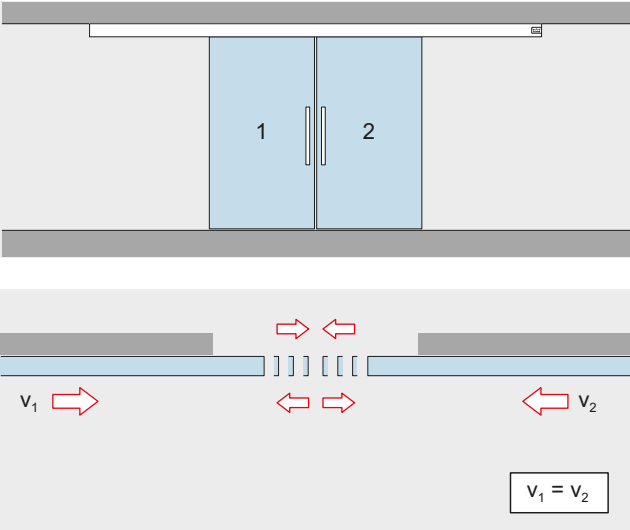


Fixed at glass – with glass fanlight and glass sidelights

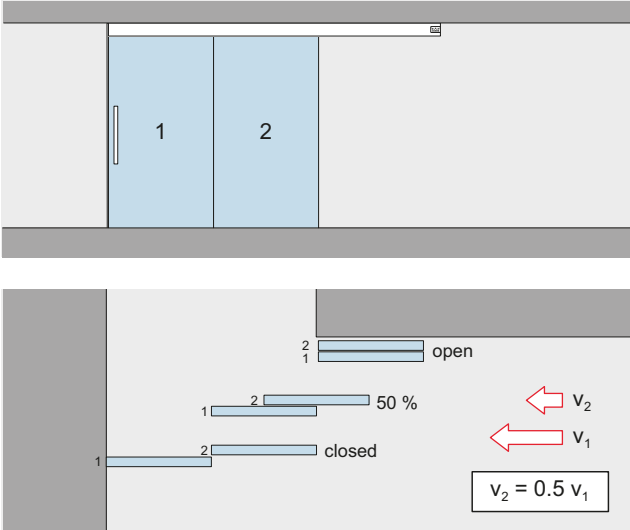


Functionalities

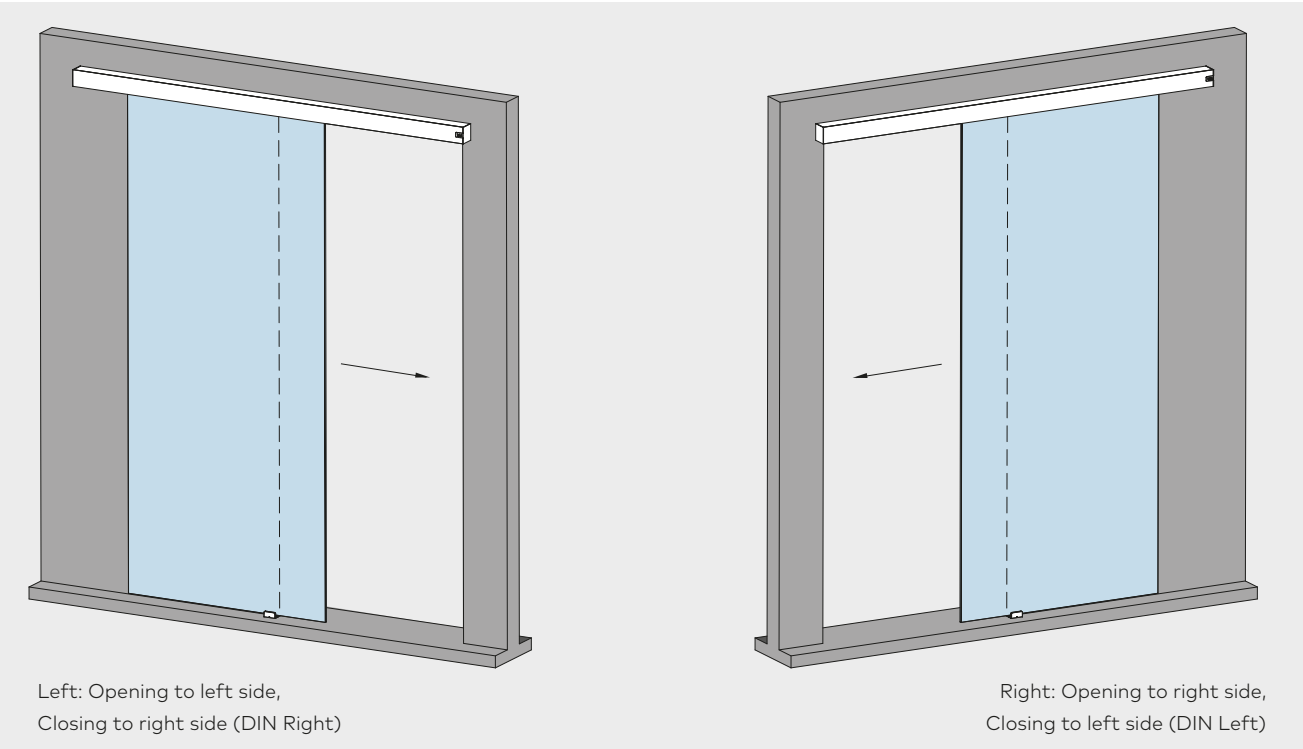
Synchro



Telescopic

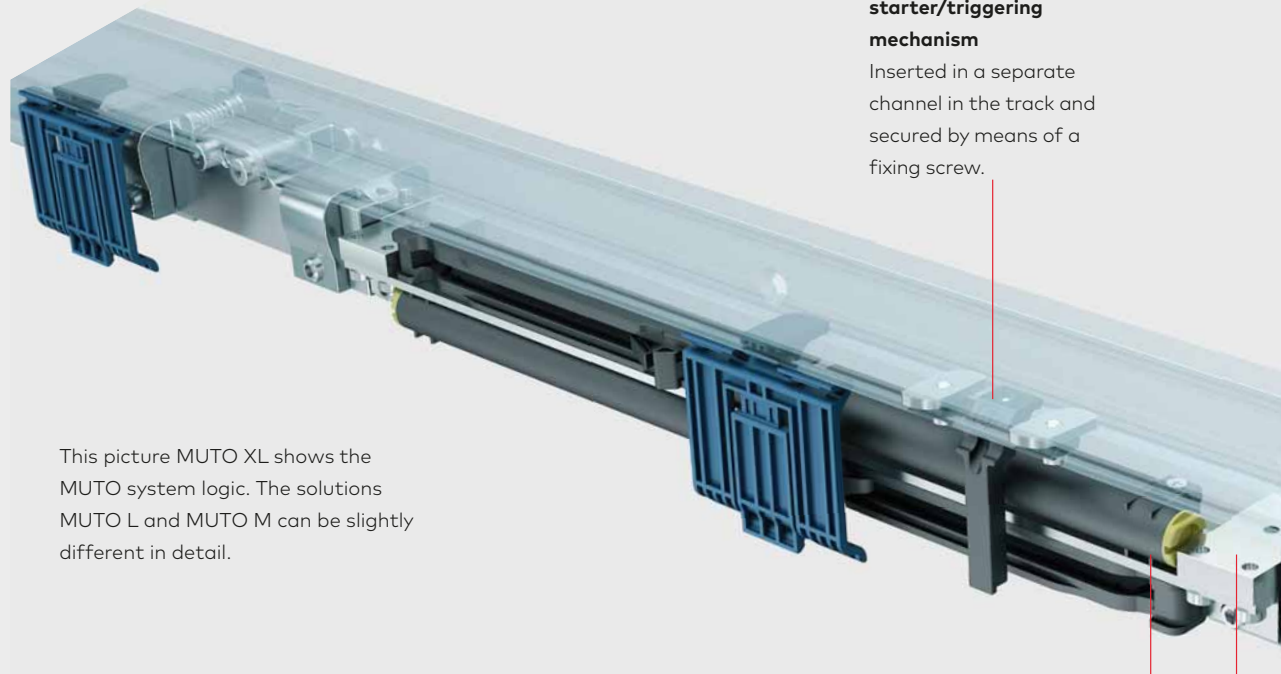


Self-Closing/Telescopic



The manual sliding door system offering fast, effortless installation

MUTO – easy installation and adjustability from the front.



DORMOTION starter/triggering mechanism

Inserted in a separate channel in the track and secured by means of a fixing screw.

This picture MUTO XL shows the MUTO system logic. The solutions MUTO L and MUTO M can be slightly different in detail.

LSG certified.

Transparent safety.

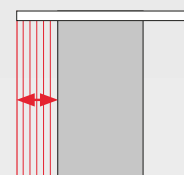
Laminated safety glass can be installed as part of the MUTO system.

The certification confirms its high-grade quality.



DORMOTION

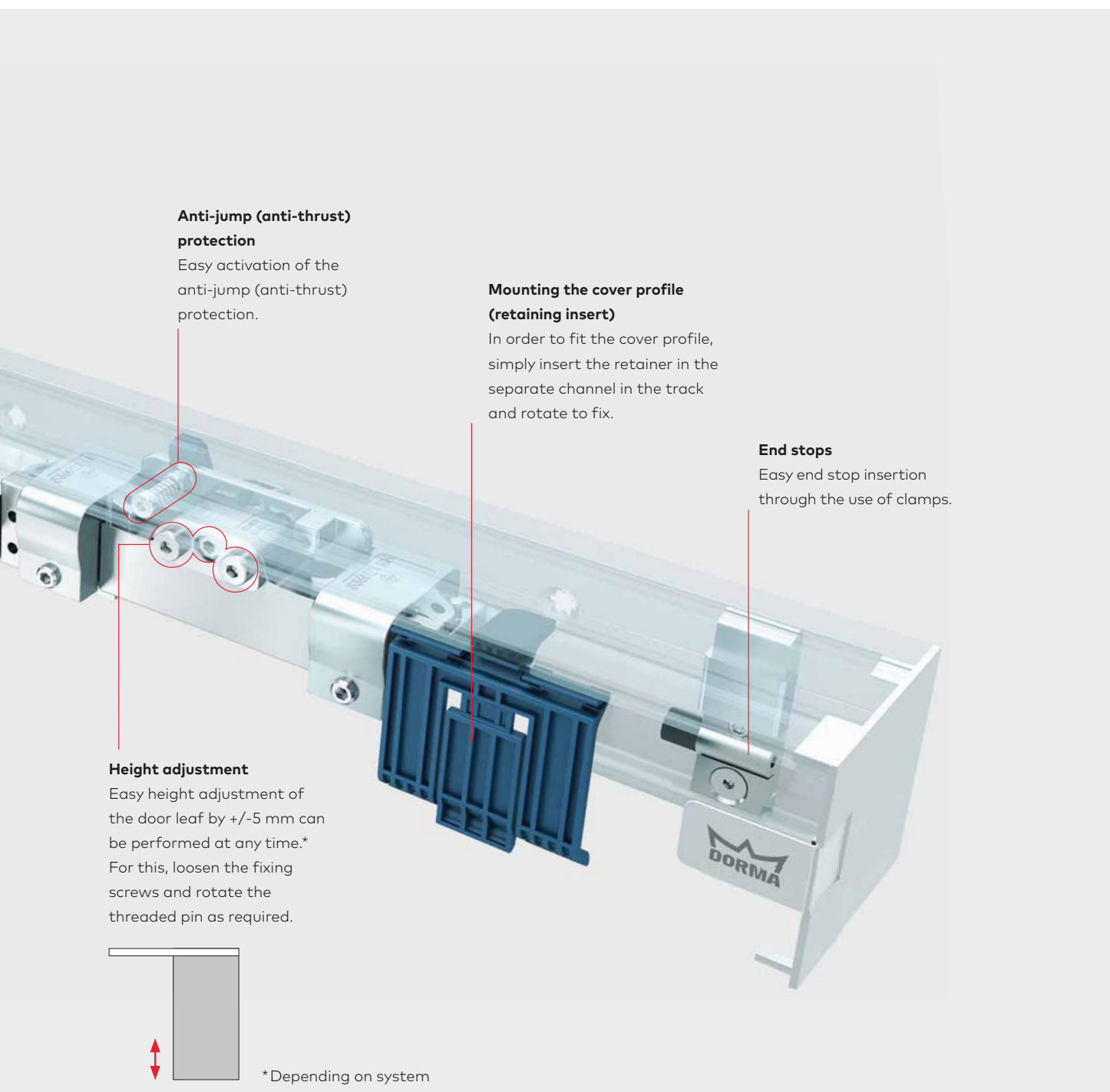
The damping unit is simply mounted onto the door leaf and clamped into position. The damping unit is retro-fittable and can also be installed on existing panels in situ.



MUTO – Installation M, L, XL, SC, Telescopic

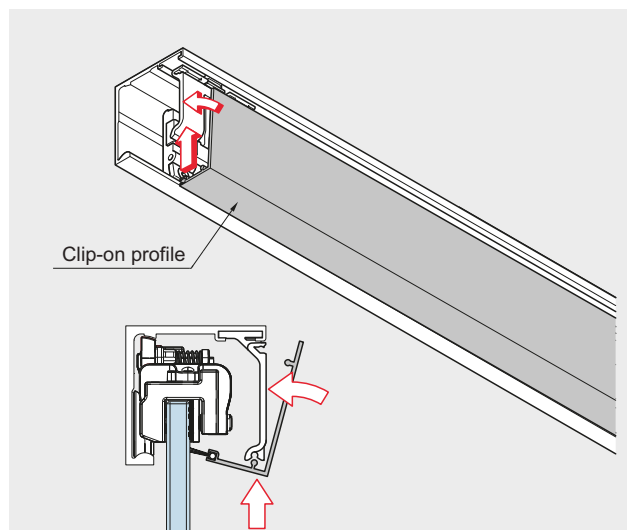
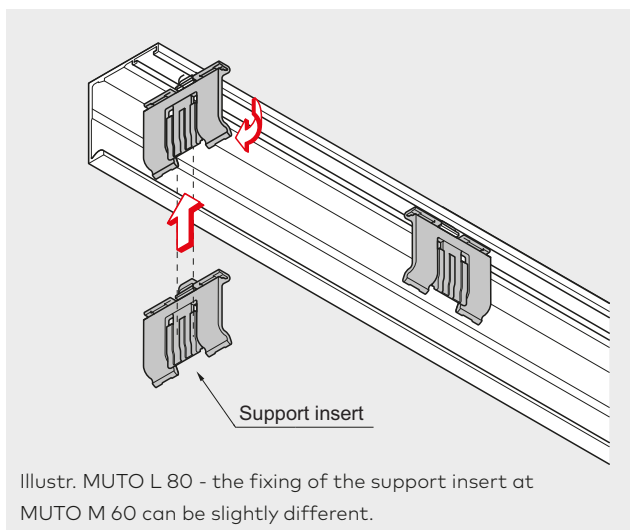
Benefits at a glance

- All adjustments can be quickly and easily performed from the front
- Certified use of laminated safety glass
- Suitable for glass and timber panels

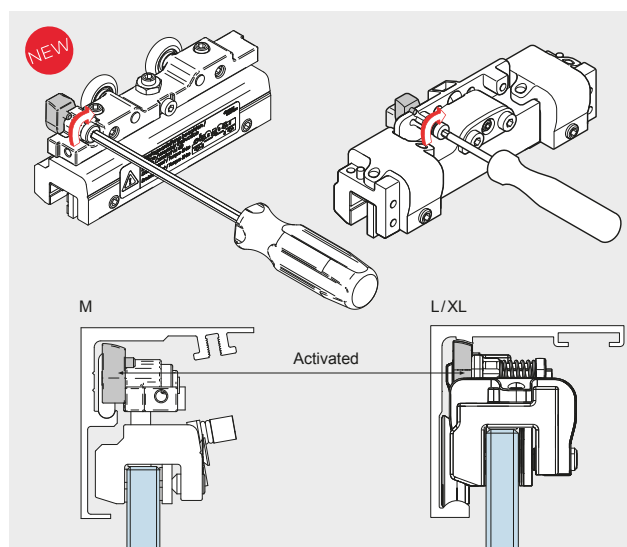
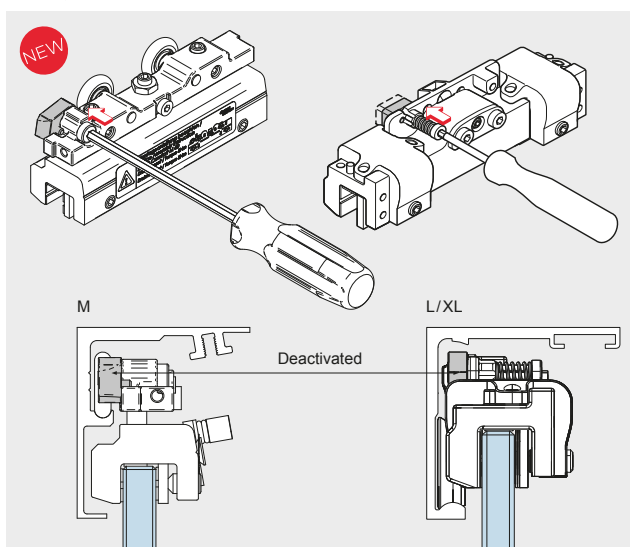


Advantages at installation

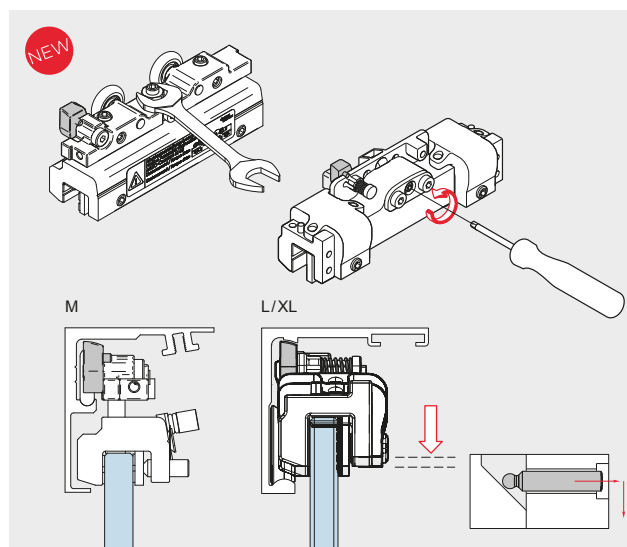
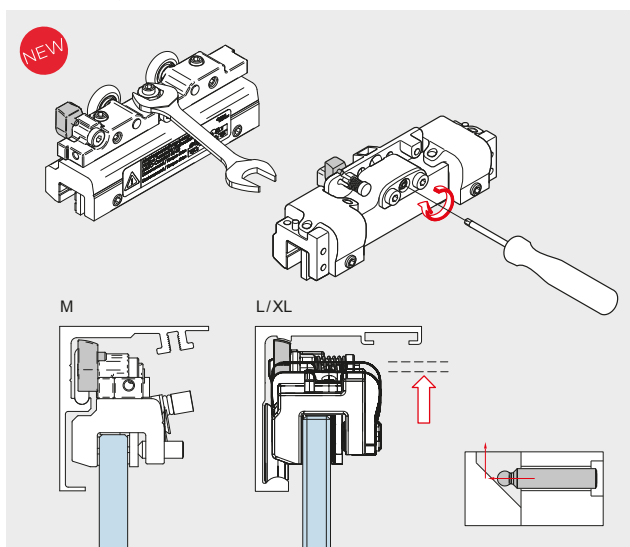
Cover profile



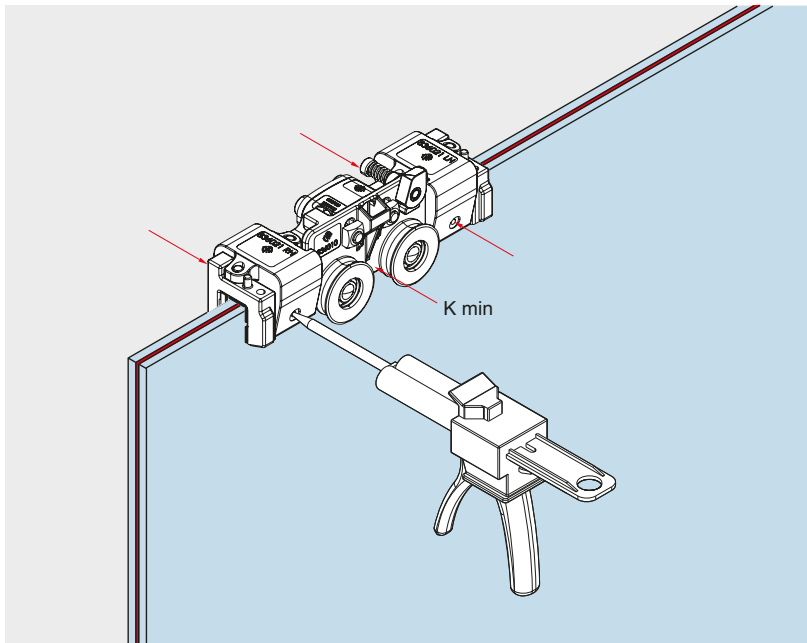
Anti-jump device – carriers: MUTO Comfort M, L, Premium XL, Self-Closing and Telescopic



Height adjustment – carriers: MUTO Comfort M, L, Premium XL, Self-Closing and Telescopic



Clamp&Glue technology

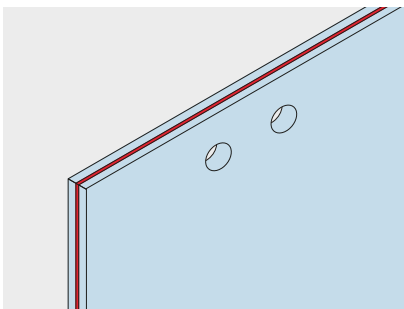


dormakaba Clamp&Glue technology provides the possibility to keep the advantages and – at the same time – to eliminate the potential issues of laminated safety glass. The solution for secure hold of the glass panel only needs a minimum of clamping force at the fittings, without any glass preparation.

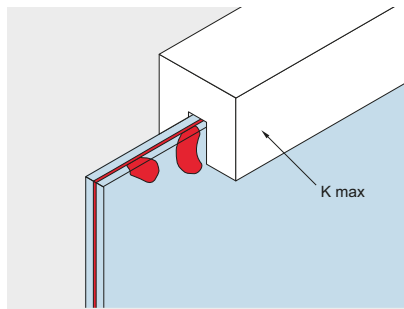
- Carrier sets readily convertible to LSG – make sure you specifically order LSG accessory sets
- High level of safety
- Easy installation
- Improved smoothness of operation
- Integration of sound protection laminate
- Decorative laminates
- Residual load-bearing capacity

MUTO: the following negative phenomena are eliminated with LSG

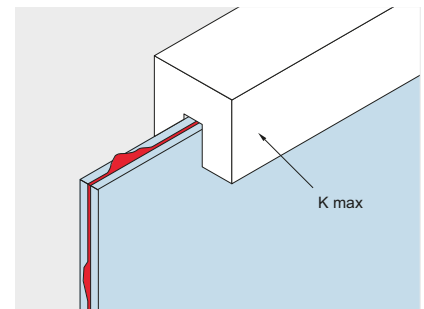
Glass preparation



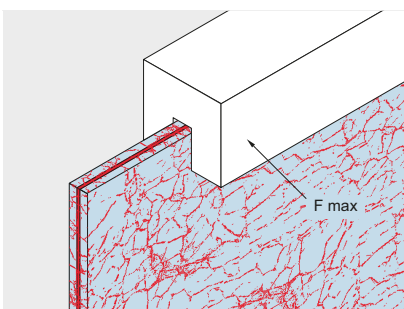
Blister



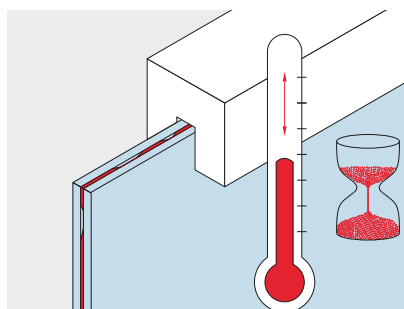
Extrusion of interlayer



Glass crack



Shrinkage of interlayer (due to temperature and pressure variation in long-term usage)

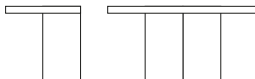


MUTO

Ideal for glass panels –
also optional for timber panels

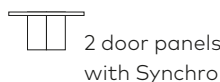
Much Comfort:

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

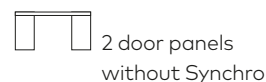
	 MUTO Comfort M 60	 MUTO Comfort L 80	 MUTO Premium XL 80
Comfort	NEW		
Track dimensions: Track	W ≤ 55 mm H ≤ 58 mm	W ≤ 71 mm H ≤ 58 mm	W ≤ 72 mm H ≤ 69 mm
Track dimensions: Track incl. Side panel	W = 74 mm	W = 90 mm	W = 91 mm
Track dimensions: Track + Cover profile	W ≤ 55 mm H ≤ 58 mm	W ≤ 71 mm H ≤ 58 mm	W ≤ 72 mm H ≤ 69 mm
Basic description			
Max. gap to wall (glass door)	14 mm	17 mm	20 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 – 12 mm	8 – 13.5 mm	8 – 13.5 mm
Installations	Wall, ceiling	Wall, ceiling, glass	Wall, ceiling, glass
Max. door height	≤ 2,500 mm	≤ 3,000 mm	≤ 3,000 mm
Max. door width	≤ 1,300 mm	≤ 1,500 mm**	≤ 1,500 mm**
Door height adjustment	+4 mm / -2 mm	+ 5 mm / - 3 mm	+/- 5 mm
Corrosion EN 1670	Class 2	Class 4	Class 4
Door cycles	≤ 50,000	≥ 100,000	≥ 200,000
DIN EN 1527	●	●	●
Max. door weight/single door	60 kg	80 kg	80 kg
Max. door weight/double door	–	2 x 80 kg	2 x 80 kg
Prepared for timber	●	●	●
Glass type	TSG / LSG*	TSG / LSG*	TSG / LSG*
Functionalities			
Adjustable from the front	●	●	●
DORMOTION	No glass preparation	No glass preparation	● No glass preparation
Synchro version	–	○	○
Status indicator	–	○	○
Concealed EM locking	–	○	○
Self-Closing	–	–	–



1 door panel



2 door panels
with Synchro



2 door panels
without Synchro

● yes – no ○ optional

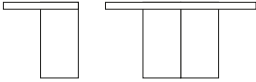
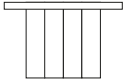
* LSG from 2 x TSG (min. 2 x 5 mm).

** Further glass panel widths are available, subject to consultation with our Application Engineering department.
The glass dimensions may vary due to the method of fixing and installation, glass tolerances or general usage.

1) Max. travel 1,450 mm

Variants

- Self-Closing
- Telescopic – wide openings with small panels
- Synchro – moving both panels of a double door synchronously either toward each other (closing) or from each other (opening) when just one panel is moved by hand.
- Wall, glass and ceiling installations possible
- For panels ≤ 60 kg up to 150 kg

 MUTO Premium XL 150	 MUTO Premium Self-Closing 120	 MUTO Premium Telescopic 80
W ≤ 72 mm H ≤ 69 mm	W ≤ 100 mm H ≤ 69 mm	W ≤ 124 mm H ≤ 69 mm
W = 91 mm	W = 119 mm	W = 146 mm
W ≤ 72 mm H ≤ 69 mm	W ≤ 100 mm H ≤ 69 mm	W ≤ 127 mm H ≤ 69 mm
20 mm	20 mm	17 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
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
$\leq 3,000$ mm	$\leq 3,000$ mm	$\leq 3,000$ mm
$\leq 1,500$ mm**	$\leq 1,500$ mm ¹⁾	1,200 / 1,000 mm (2x/4x)
+/- 5 mm	+/- 5 mm	+ 5 mm / - 3 mm
Class 4	Class 4	Class 4
$\geq 200,000$	$\geq 200,000$	$\geq 200,000$
●	●	●
150 kg	120 kg	2 x 80 kg
2 x 150 kg	2 x 120 kg	4 x 80 kg
●	●	●
TSG / LSG*	TSG / LSG*	TSG / LSG*
●	●	●
● No glass preparation	No glass preparation	No glass preparation
–	–	–
○	○	○
○	○	○
–	●	–



2 door panels, Telescopic

Further information on MUTO Premium Telescopic 80 can be found in the Compendium.

MUTO

Explanation of
product names

Profile dimensions

M = 55 x 58 mm

Max. door weight

60 kg

Profile dimensions

L = 71 x 58 mm

Max. door weight

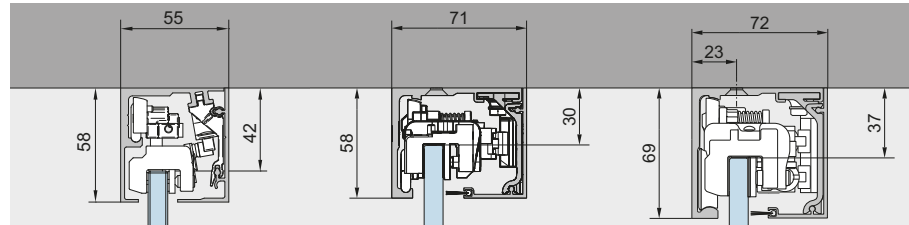
80 kg

Profile dimensions

XL = 72 x 69 mm

Max. door weight

80 kg



	NEW MUTO M 60	MUTO L 80	MUTO Premium XL 80
DORMOTION	Optional	Optional	Yes
max. Sliding panel weight	60 kg	80 kg	80 kg
Movement cycles	≥ 50,000	≥ 100,000	≥ 200,000
Glass thickness sliding panel	8 – 12 mm	8 – 13.5 mm	8 – 13.5 mm
Height adjustment	+ 4 mm / – 2 mm	+ 5 mm / – 3 mm	+/- 5 mm
Material thickness (Timber)	28 – 50 mm	28 – 50 mm	28 – 50 mm
max. Sliding panel height [GH][TH]	2,500 mm	3,000 mm	3,000 mm
Mounting type	Wall, ceiling	Wall, ceiling, glass	Wall, ceiling, glass

Single panel

Clear opening width [LW] min. – max.	540 – 1,240 mm ¹⁾	600 – 1,440 mm	600 – 2,440 mm
Panel width [A]	LW + 60 mm	LW + 60 mm	LW + 60 mm
Panel width [A] min. – max. (without DORMOTION / with retrofittable lock/ status indicator)	600 – 1,300 mm* ²⁾ no lock/ status indicator	660 – 1,500 (max. 2,000 mm*)	660 – 1,500 (max. 2,500 mm*)
Panel width Comfort [A] min. – max. (with DORMOTION, with retrofittable lock/ status indicator)	600 – 1,300 mm* ²⁾ no lock/ status indicator	660 – 1,500 (max. 2,000 mm*)	810 – 1,500 (max. 2,500 mm*)
Panel width Standard [A] min. – max. (with DORMOTION, without retrofittable lock/ status indicator)	600 – 1,300 mm* ²⁾ no lock/ status indicator	660 – 1,500 (max. 2,000 mm*)	755 – 1,500 (max. 2,500 mm*)
Panel width Small [A] min. – max. (with DORMOTION, without retrofittable lock/ status indicator)	600 – 1,300 mm* ²⁾ no lock/ status indicator	660 – 1,500 (max. 2,000 mm*)	690 – 1,500 (max. 2,500 mm*)
Length of track wall/ceiling	2 x A	2 x A	2 x A
Length of track [B] at glass	–	2 x A + 67 mm	2 x A + 67 mm

Double panel

Clear width [LW] min. – max.	–	1,266 – 2,446 mm	1,566 – 2,890 mm
Panel width [A]	–	LW / 2 + 27 mm	LW / 2 + 27 mm
Panel width [A] min. – max.	–	660 – 1,250 mm	810 – 1,470 mm
Length of track [B] wall/ceiling	–	4 x A – 44 mm	4 x A – 44 mm
Length of track [B] at glass	–	4 x A + 12 mm	4 x A + 12 mm

¹⁾ After consultation: without DORMOTION min. 340 mm possible, with DORMOTION min. 490 mm possible

²⁾ After consultation: without DORMOTION min. 400 mm possible, with DORMOTION min. 550 mm possible

Profile dimensions

XL = 72 x 69 mm

Max. door weight

150 kg

Profile dimensions

Self-Closing = 100 x 69 mm

Max. door weight

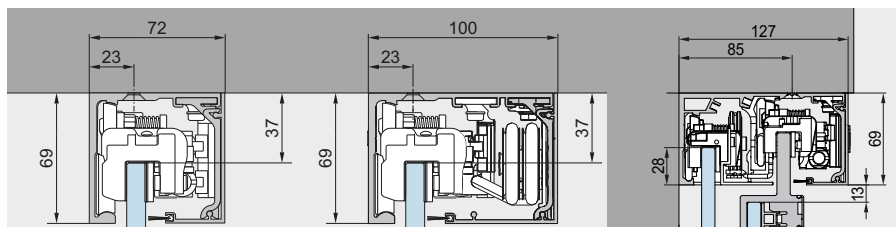
120 kg

Profile dimensions

M = 127 x 69

Max. door weight

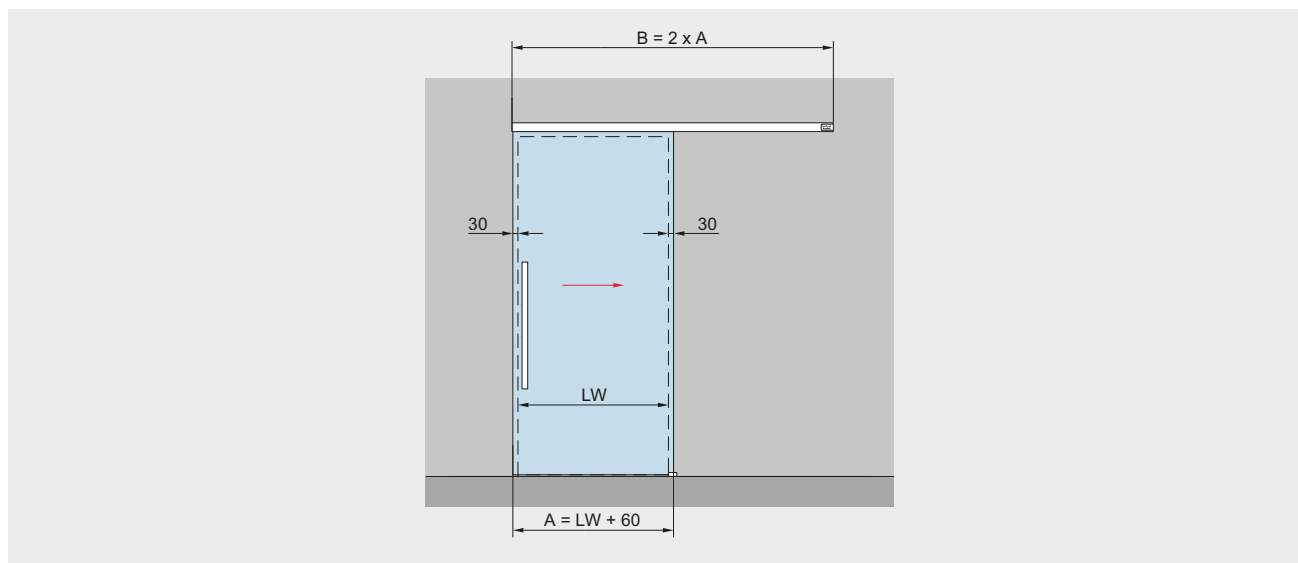
2 x 80 Kg

**Art. No.** 8.36. xxx **xxx** .99Alu Silver **150**Alu Niro Dark **157**Alu White **350**Alu Special anodised **199**Alu Special colour **399**

MUTO Premium XL 150	MUTO Premium Self-Closing 120	MUTO Premium Telescopic 80
Yes	Yes	Optional
150	120	2 x 80
≥ 200,000	≥ 200,000	≥ 200,000
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
+/- 5 mm	+/- 5 mm	+ 5 mm / - 3 mm
28 – 50 mm	28 – 50 mm	28 – 50 mm
3,000 mm	3,000 mm	3,000 mm
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
600 – 2,440 mm	790 – 1,440 mm	see page 80
LW + 60 mm	LW + 60 mm	see from page 82 onwards
660 – 1,500 (max. 2,500 mm*)	–	see page 80
1,020 – 1,500 (max. 2,500 mm*)	850 – 1,500 mm*	see page 80
1,005 – 1,500 (max. 2,500 mm*)	–	–
900 – 1,500 (max. 2,500 mm*)	–	–
2 x A	2 x A	see from page 82 onwards
2 x A + 67 mm	2 x A + 67 mm	see from page 82 onwards
1,986 – 2,890 mm	1,606 – 2,890 mm	see page 80
LW / 2 + 27 mm	LW / 2 + 27 mm	see from page 82 onwards
1,020 – 1,470 mm	830 – 1,470 mm	see page 80
4 x A – 44 mm	4 x A – 44 mm	see from page 82 onwards
4 x A + 12 mm	4 x A + 12 mm	see from page 82 onwards

* Further glass panel widths are available, subject to consultation with our Application Engineering department. The glass dimensions may vary due to the method of fixing and installation, glass tolerances or general usage.

Type illustrations wall installation

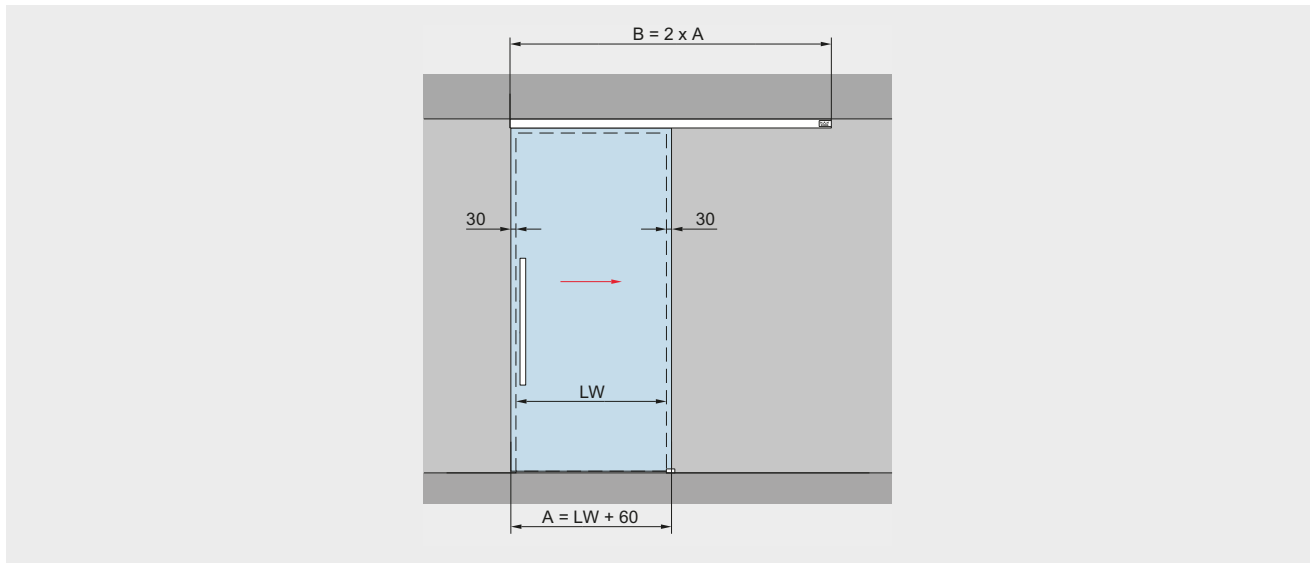


Fixed at wall	Features and data	Glass thickness
	For installation with one door panel Max. weight of door panels 60 kg Calculation of glass height $GH1 = LH + X + 6 \text{ mm}$ max. 2,500 mm Calculation of glass width $A = LW + 60 \text{ mm}$ min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm	8 – 12 mm

A = Glass width
B = Length of track
GH1 = Glass height sliding door
H = Total height
LH = Clear opening height

LW = Clear opening width
t1 = Glass thickness sliding door
Y = 55 mm – (14 mm + t1)
X = Freely selectable protrusion
(dependent on structural conditions)

Type illustrations ceiling installation

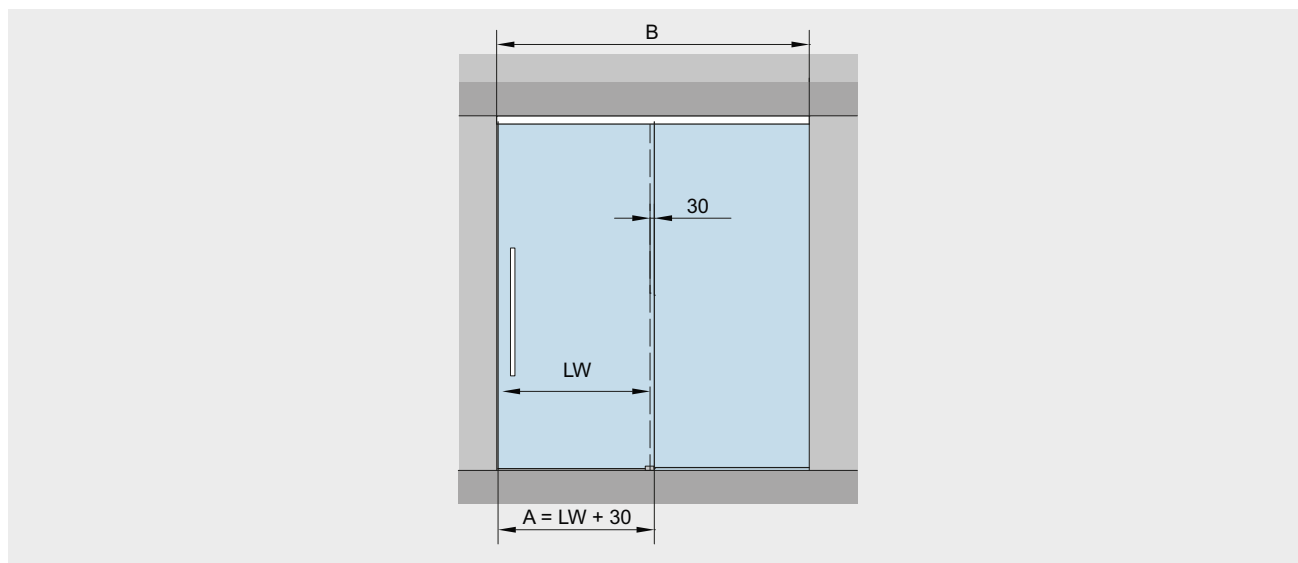


Fixed at ceiling	Features and data	Glass thickness
	For installation with one door panel Max. weight of door panels 60 kg Calculation of glass height $GH1 = H - 52 \text{ mm}$ max. 2,500 mm Calculation of glass width $A = LW + 60 \text{ mm}$ min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm with DORMOTION	8 – 12 mm

A = Glass width
B = Length of track
GH1 = Glass height sliding door
H = Total height

LH = Clear opening height
LW = Clear opening width
t1 = Glass thickness sliding door
Y = 55 mm – (14 mm + t1)

Type illustrations with side panel, on one side

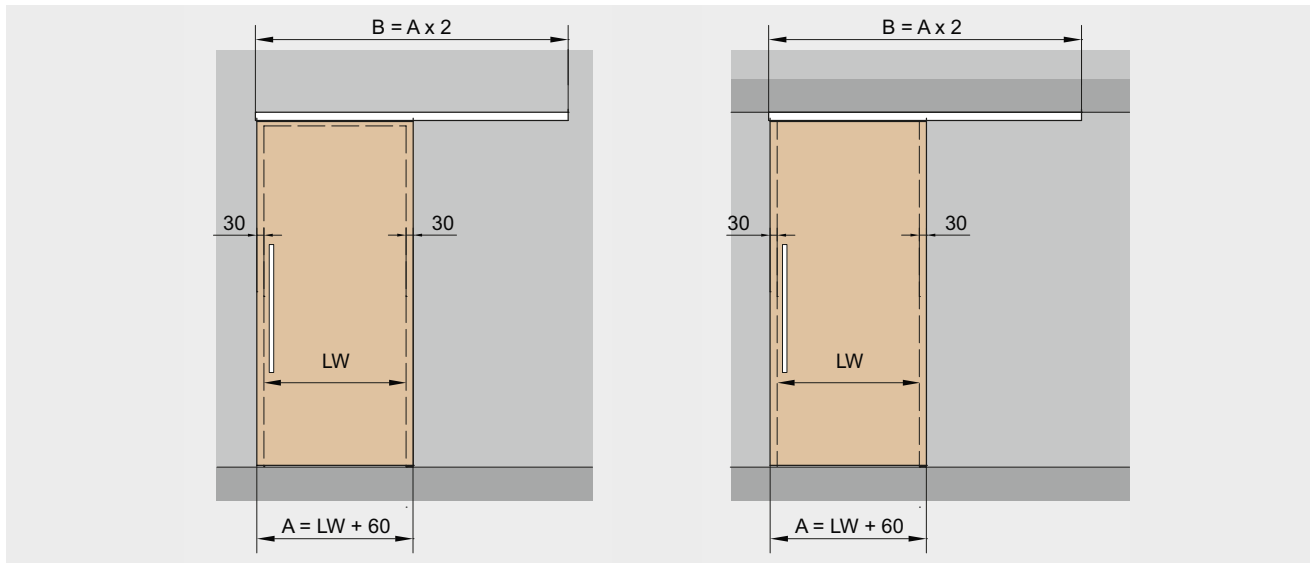


Fixed at ceiling	Features and data	Glass thickness
	For installation with one door panel Max. weight of door panels 60 kg Calculation of glass height $GH1 = LH - 52$ $GH2 = LH - 51$ max. 2,500 mm Calculation of glass width $A = LW + 30 \text{ mm}$ min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm	8 – 12 mm

A = Glass width
B = Length of track
GH1 = Glass height sliding door
GH2 = Glass height sidelight
H = Total height
LH = Clear opening height

LW = Clear opening width
S = Glass width sidelight
t1 = Glass thickness sliding door
t2 = Glass thickness sidelight
Y = 55 mm - (14 mm + t1)

Type illustrations for timber door applications



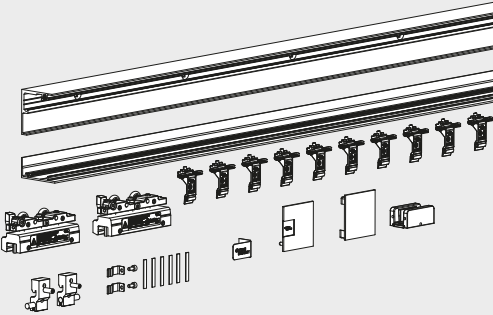
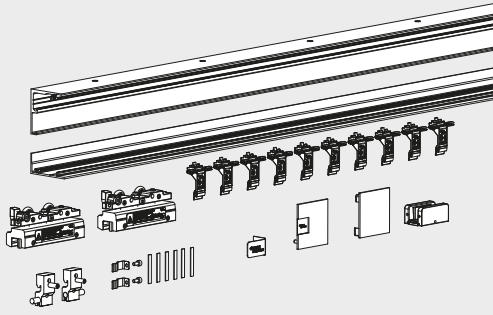
Fixed at wall	Fixed at ceiling	Features and data	Wood thickness
TH = LH + X - 17	TH = LH - 75	For installation with one door panel 28 – 50 mm Max. weight of door panels 60 kg Calculation of door height fixed at wall $TH = LH + X - 17$ max. 2,500 mm Calculation of door height fixed at ceiling $TH = LH - 75$ max. 2,500 mm Calculation of door width $A = LW + 60 \text{ mm}$ min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm	

* Timber door 100 mm solid wood for connection at timber adapter

- A = Glass width
B = Length of track
H = Total height
LH = Clear opening height

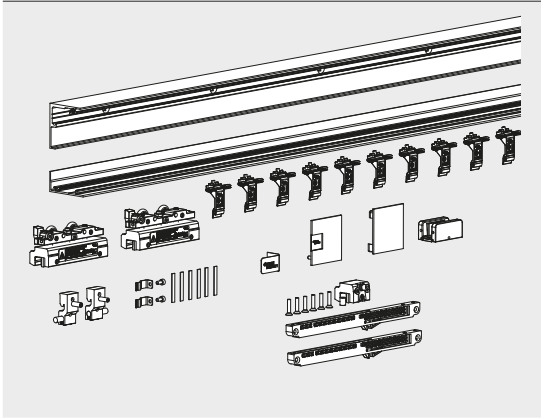
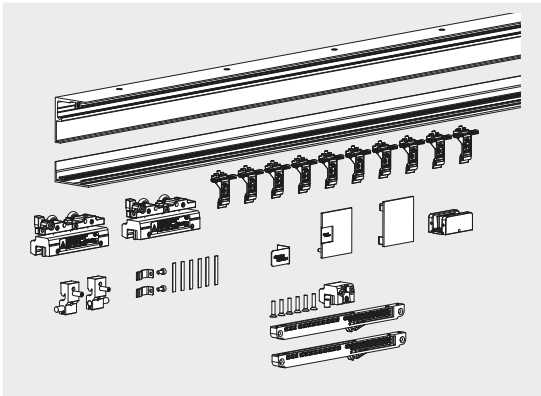
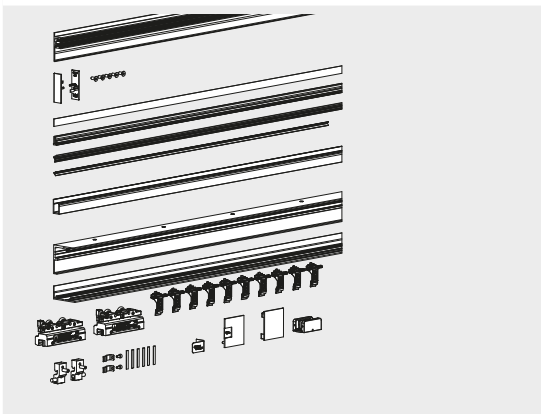
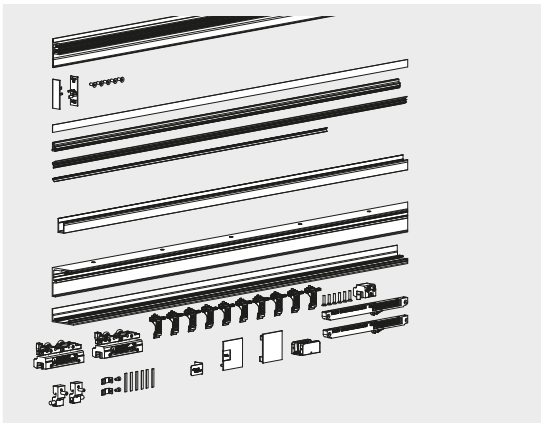
- LW = Clear opening width
TH = Door height
u = Wood thickness
X = Freely selectable protrusion (depending on structural conditions)

Complete sets - defined lengths

	Features and data	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort M 60 Set prepared for DORMOTION wall installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.670 36.671
	MUTO Comfort M 60 Set incl. DORMOTION* wall installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.676 36.677 not illustr. not illustr.
	max. 60 kg				
	MUTO Comfort M 60 Set prepared for DORMOTION ceiling installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.672 36.673
	MUTO Comfort M 60 Set incl. DORMOTION* ceiling installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.678 36.679 not illustr. not illustr.
	max. 60 kg				

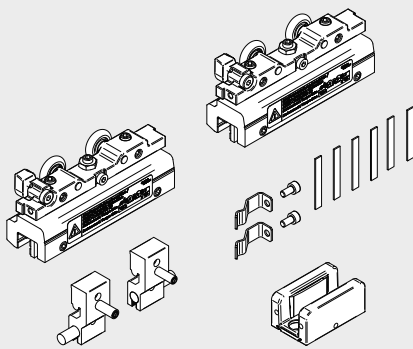
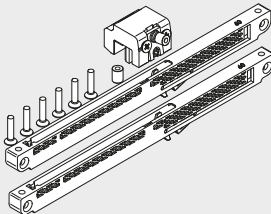
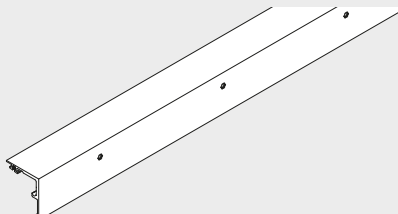
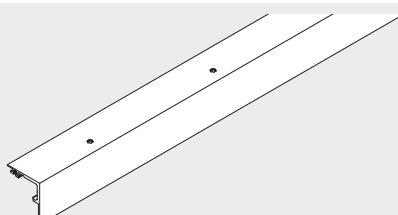
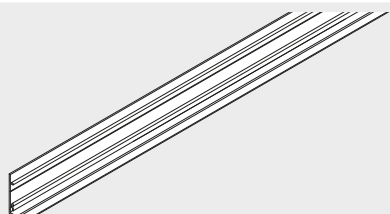
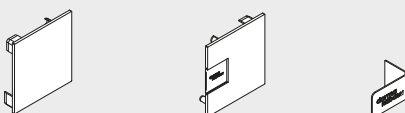
*When using a DORMOTION damping unit, we recommend installation of a pull handle.

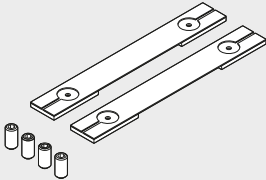
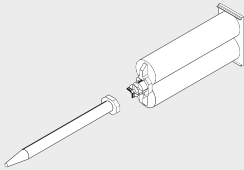
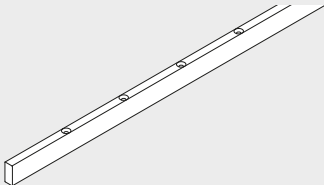
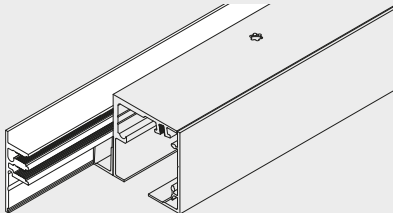
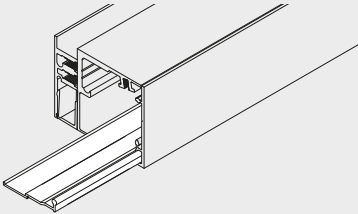
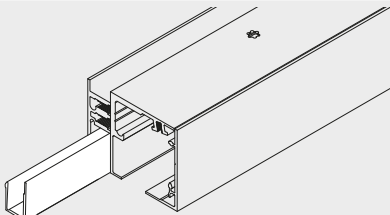
Complete sets - individual lengths

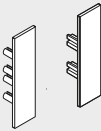
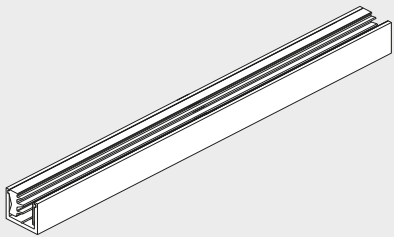
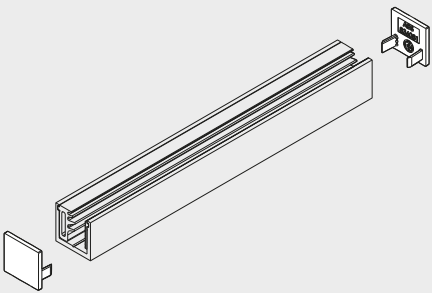
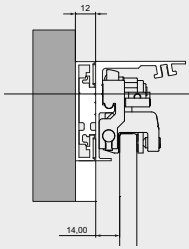
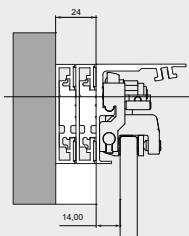
	Features and data	Glass thickness	Art. No.
	MUTO Comfort M 60 Set prepared for DORMOTION wall installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap	8 – 12 mm	36.674 not illustr.
	MUTO Comfort M 60 Set incl. DORMOTION* wall installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap max. 60 kg	8 – 12 mm	36.680
	MUTO Comfort M 60 Set prepared for DORMOTION ceiling installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap	8 – 12 mm	36.675 not illustr.
	MUTO Comfort M 60 Set incl. DORMOTION* wall installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap max. 60 kg	8 – 12 mm	36.681
	MUTO Comfort M 60 Set prepared for DORMOTION ceiling installation individual profile length up to max. 5,940 mm incl. track profile, cover and sidelight profile, filling profile, accessory set, end cap, view protection profile must be ordered separately max. 60 kg	8 – 12 mm	36.682
	MUTO Comfort M 60 Set incl. DORMOTION* ceiling installation individual profile length up to max. 5,940 mm incl. track profile, cover and sidelight profile, filling profile, accessory set, end cap, view protection profile must be ordered separately max. 60 kg	8 – 12 mm	36.683

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Component parts

	Features and data	Art. No.
	Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide	36.691
	DORMOTION unit Panel width min. 600 mm (after consultation min. 550 mm possible) for max. 60 kg, incl. starter When using a DORMOTION damping unit, we recommend installation of a pull handle.	36.693 Optional
	Track rail for wall installation stock length 6,000 mm fixed length	36.684 36.687
	Track rail for ceiling installation stock length 6,000 mm fixed length	36.685 36.688
	Cover profile stock length 6,000 mm fixed length	36.686 36.696
	MUTO Comfort M 60 Set endcaps for wall and ceiling installation	36.692

	Features and data	Art. No.
	MUTO Comfort M 60 LSG set Accessory set for use with LSG for one pair of clamp carrier Consisting of: 2 Gaskets 4 Injector screw Please order the LSG glue 07.631 separately	36.939
	Special adhesive and nozzle for use with LSG	07.631
	MUTO Comfort M 60 Timber adapter profile 10 x 23 mm, incl. accessories (with timber floor guide) 1,310 mm fixed length	36.941
	MUTO Comfort M 60 + L 80 Side light profile 58 mm height, with gaskets, for 8 – 13.5 mm glass When installing between two walls, please give particular attention to the width of the end covers (each 2 mm). stock length 6,000 mm fixed length	36.271 36.274
	MUTO M 60 View protection profile for sidelight profiles stock length 6,000 mm fixed length	36.694 36.695
	MUTO Filling profile for Comfort M, L, Premium XL and Self-Closing, for side light profile stock length 6,000 mm fixed length	36.802 36.803

	Features and data	Glass thickness	Art. No.
	MUTO ComfortM 60 + L 80 End caps for side light profile, 58 mm height each 2 mm width (When installing between two walls, please give particular attention to it.)		36.273
	MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, incl. end caps stock length 6,000 mm fixed length	8 – 13,5 mm	36.810 36.811
	MUTO End caps (2 pieces) for Comfort L and Premium XL, for floor profile, for fixing side light		36.812
	MUTO Comfort - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length		36.872
	MUTO Comfort - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length		36.873

Safety-related information

Important safety-related information for the mounting and use of dormakaba glass fittings. (Follow these instructions in addition to the mounting and operating instructions in order to avoid damage of product and damage to person or property.) Important: All users have to be informed about relevant points mentioned in these safety-related information and the mounting and operating instructions!

General information

1. dormakaba recommends using TSG-H (heat soaked toughened safety glass) to DIN EN 12150-1.
2. dormakaba glass fittings are not suitable for application in rooms where chemicals (e. g. chlorine) are used such as indoor swimming pools, saunas or salt-water pools.
3. Never move sliding panels faster than walking speed and always stop the door manually before it reaches end position.
4. Do not shut swing doors with excessive force. Install door stop to prevent door from opening too far.

Mounting

1. Only properly qualified and specially trained staff is authorised to mount dormakaba glass fittings.
2. Never use glass with conchoidal fractures and/or damaged edges.
3. Due to crushing hazards – among others in the area of the secondary closing edge – and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
4. Clean clamping area with fat solvent (standard commercial cleaning agent) before mounting the glass fitting.
5. Never use clamping shoes on structured glass surfaces (except on satined glass) or glass of heavily varying thickness unless with a corresponding levelling layer.
6. Never use clamping shoes on self-cleaning coatings.
7. When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hard components such as glass, metal or concrete.
8. Make sure not to use excessive force when installing the glass (avoid local stress resulting from very tight screws).

Maintenance

Check fittings at regular intervals for proper positioning and smooth running and door for correct adjustment.

Especially highly-frequented door systems require inspection by properly qualified staff (specialised companies or installation firms). Immediately replace damaged glass elements (no glass flaking and/or conchoidal fractures)!

General care instructions

The surface finishes of the fittings are not maintenance-free and should be cleaned according to their material and design.

- For metallic surfaces (anodised finishes, stainless steel) please use appropriate cleaning agents without abrasive additives only.
- For varnished surfaces please use appropriate solvent-free cleaning agents only.
- Brass surfaces (without surface protection) have to be treated with an appropriate maintenance agent on occasion, to avoid tarnishing.

The printed colours indicating the surface finishes are not 100 % true, but do provide a useful guide. Statements made with regard to the nature or use of the products are for the purposes of descriptions. Assent with regard to the existence of particular properties or particular uses always requires special written agreement. Pictures may show special designs which are different to the standard scope of delivery.

Subject to change without notice.

