

A photograph of a white DORMA manual sliding door system. The door is partially open, revealing a grey perforated panel. A small DORMA logo is visible on the white frame. The background is a plain, light-colored wall.

# MANUAL SLIDING DOOR SYSTEMS

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AGILE 50  
AGILE 150 / AGILE 150 Syncro  
AGILE 150 DORMOTION  
RSP 80  
RS 120 / RS 120 Syncro





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**\*NEW: Secure retention even with laminated safety glass  
without additional glass drilling / machining**

## 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 dividers 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.

### AGILE 50

With a track height of just 49 mm, the AGILE 50 is particularly discreet in appearance. The concealed clamp-type carriers are capable of operating glass panels weighing up to 50 kg.

### AGILE 150

Concealed in an aluminium track, the carriers of the AGILE 150 can operate sliding doors with individual panel weights of up to 150 kg – with each panel again simply clamped in position. In the case of timber doors, an adapter profile is used to connect the track roller system to the wooden panels.

**NEW: From now on laminated safety glass (LSG) elements can be easily and safety clamped, in connection with special accessories (see page 23).**

### AGILE 150 DORMOTION

Based on the AGILE 150, this system offers the additional convenience of the DORMOTION unit, a damper-spring mechanism capable of gently cushioning the sliding door as it approaches either end position, and then guiding it to the required engage point.

**NEW: From now on laminated safety glass (LSG) elements can be easily and safety clamped, in connection with special accessories (see page 47).**

Applications and features	AGILE 50
Suspended sliding door	●
Integrated / concealed carrier	●
1 panelled sliding door	●
Two panelled bi-parting sliding door	○ <sup>2)</sup>
Syncro version	
End-position engage cushioning	
Installation at wall	●
Installation at wall; version with large glass-to-wall clearance for bridging existing frames	●
Installation at ceiling	●
Installation at glass	●
System integration of fixed sidelights	●
Safe use of laminated safety glass elements	
Timber sliding door possible	
Panel attachment with no glass preparation <sup>1)</sup>	●
<b>Measures and weights</b>	
Max. sliding panel weight (kg)	50
Min. sliding panel width (mm) DORMOTION Typ L/XL for installation at glass	
Max. sliding panel width (mm)	
Max. sliding panel height (mm)	2.500
Glass thicknesses (mm) sliding panel	8 – 10
Timber thickness (mm) sliding panel	
Glass thicknesses (mm) integrated sidelights	
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# AGILE 50

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# AGILE 50

## TINY DIMENSIONS – TREMENDOUS BENEFITS

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### Superb track geometry

Height 49 mm x width 46 mm (ceiling / wall / direct track / wall / side screen version) – these are the telling dimensions of the AGILE 50 – a further departure in tempered glass sliding door systems. Moreover, all the operational equipment has been integrated again out of sight within the track section – despite its dainty size. The elegantly and intricately designed profile eliminates the need for the cover sections required by other systems. It can be surface-treated in all the well-known anodised finishes and RAL colours. Stability and torsional stiffness constitute further important properties inherent in the new track geometry.

### Minimal gap

The minimised dimensions of the track profile and integration of the complete operational equipment within its section automatically give rise to very small clearances between the glass and wall or glass.

### Sophisticated track roller technology

The AGILE 50 is able to meet a wide variety of customer requirements - up to and including their highest demands. Just two maintenance-free clamp-type carriers can support and transport glass panels of up to 50 kg. This is ensured by their special track roller technology. In terms of ease of operation, AGILE is able to satisfy the Class 3 criteria of EN 1527 – and that means a force equivalent to 30 N needs to be applied in order to overcome the initial friction and thus set the door in motion.

### Reliable stop

The doors are, of course, decelerated as well as being reliably held in both their closed and opened states by specially developed catch-type buffers.

### Elegant floor guide

The AGILE floor track offers an impressive combination of effective functionality and attractive design. Its two-part construction means it is very easy to install, and its infinite adjustability between 8 and 13.5 mm ensures safe and secure guidance of the glass panels.

### One system – many solutions

The AGILE 50 offers versatility in the truest sense of the word. The system can be fixed either at the wall and to the ceiling respectively or to a glass over-panel.

### No glass preparation

With clamp-type fittings, the need to drill and cut the glass is eliminated. Based on wide-ranging glass fabrication expertise, the suspension mounting has been designed so that the panels can be safely retained by the clamping effect alone. Installation is simple and uncomplicated and the time required – including that for glass panel production – is reduced to a minimum. The variable clamp-type carriers are able – as standard – to engage glass thicknesses between 8 and 10 mm. A further advantage of the clamp-type carrier: even after the installation of the glass panels, in situ vertical adjustment of +5/-3 mm can be carried out as required.

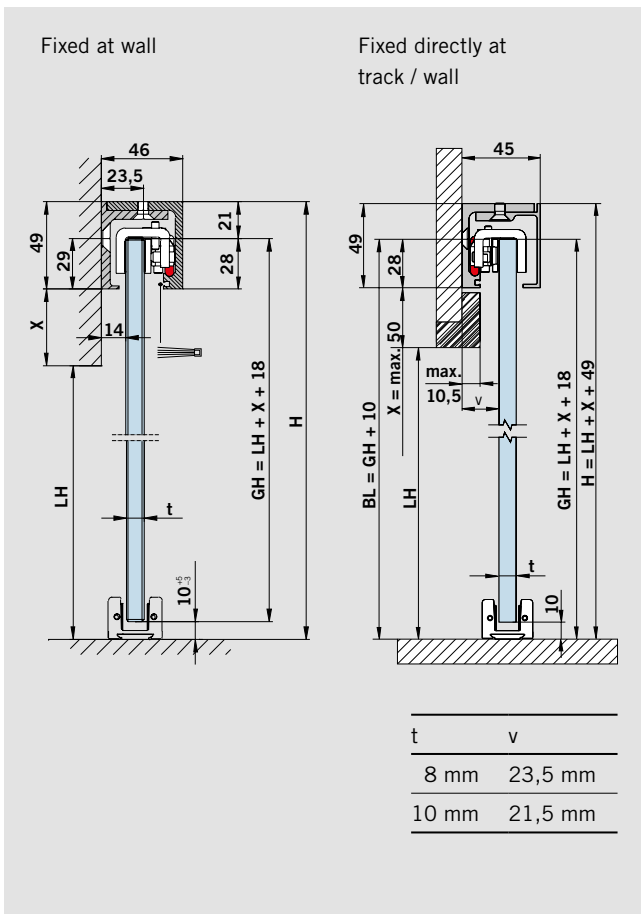
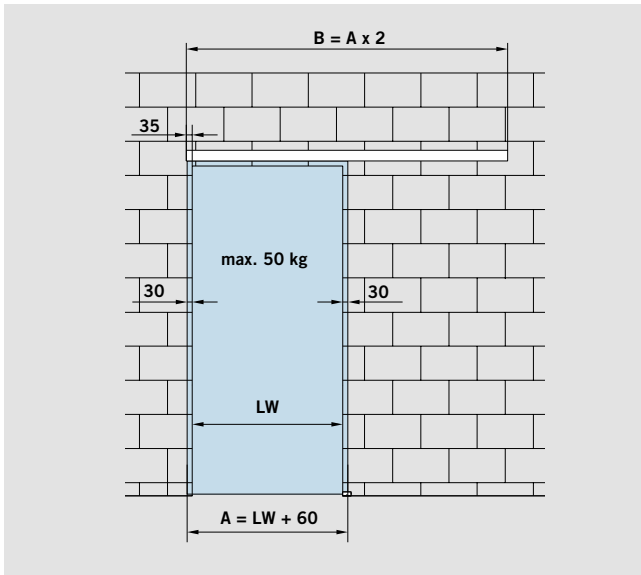
### Long service life

The exceptional longevity of the system has also been proven in protracted tests involving more than 50,000 operating cycles (performed to DIN EN 1527). And you will also find that the AGILE 50 takes corrosion resistance to a new level. So there are no obstacles to its installation and use in humid areas. Due to chemicals (e. g. chlorine) that may occur in the air of swimming pools, saunas and brine baths the fittings are as a rule not suitable for use in such environments. If you have an application such as this in mind nevertheless, we will be pleased to advise you further.

### Modular system

The inherent handling ease coupled with a thoroughly systematic approach will greatly facilitate your planning work when implementing the AGILE 50 concept. Several set solutions for different fixing situations are available.

# TYPICAL ASSEMBLIES FIXED AT WALL OR DIRECTLY AT TRACK/WALL



### Features and Data

For installations with one door leave; fixed at wall or directly at track / wall; for 8–10 mm glass thickness.

**Max. weight of door panels**  
50 kg

### Calculation of glass height

Fixed at wall:  
 $GH = LH + X + 18 \text{ mm}$

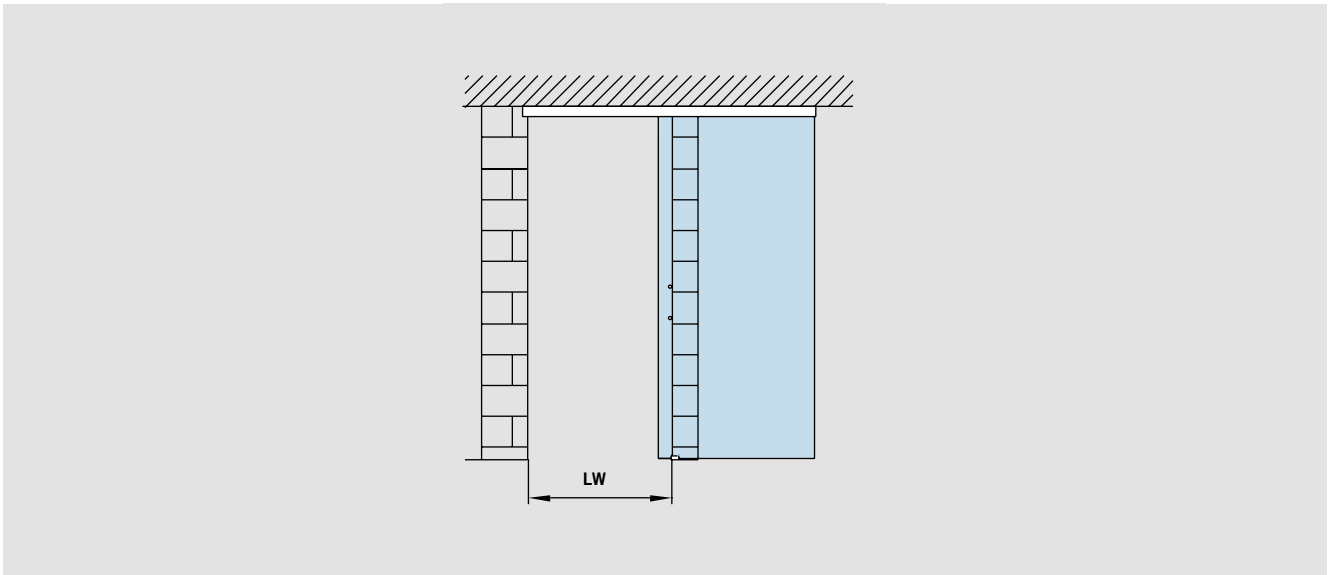
### Calculation of glass width

$A = LW + 60 \text{ mm}$   
(min. 500 mm)

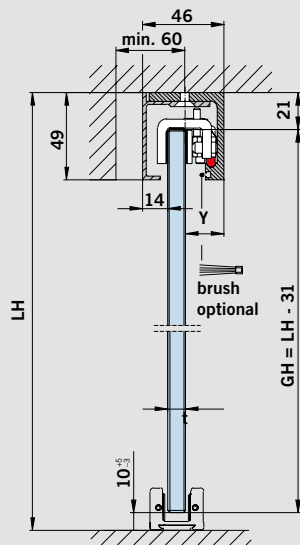
**Torque for screws in the clamp-carriers**  
2 Nm

- A = Glass width
- B = Length of track
- BL = Drilling line
- GH = Glass height
- H = All over height
- LH = Clear opening height
- LW = Clear opening width
- t = Glass thickness
- v = Distance wall to glass

# TYPICAL ASSEMBLIES FIXED AT CEILING



Fixed at ceiling



t	Y
8 mm	24 mm
10 mm	22 mm

### Features and Data

For installations with one door leave; fixed at ceiling; for 8–10 mm glass thickness.

### Max. weight of door panels

50 kg

### Calculation of glass height

Fixed at ceiling:

$$GH = LH - 31 \text{ mm}$$

(see drawing)

### Calculation of glass width

$$A = LW + 60 \text{ mm}$$

(min. 500 mm)

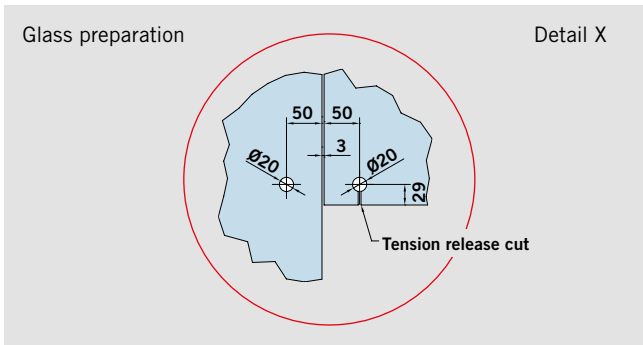
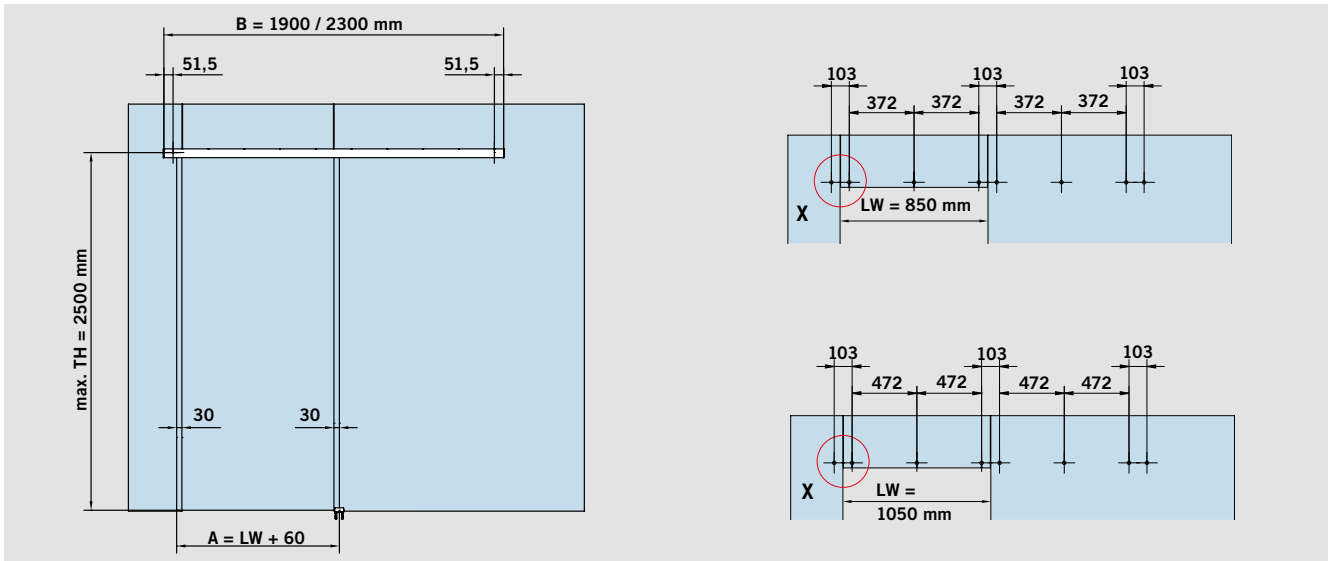
### Torque for screws in the

clamp-carriers

2 Nm

- A = Glass width
- B = Length of track
- GH = Glass height
- H = All over height
- LH = Clear opening height
- LW = Clear opening width
- t = Glass thickness
- Y = 46 mm – (14 mm + t)

# COMPACT TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS



**Features and Data**

For installations with one door leave; fixed at overpanel; for 8–10 mm glass thickness.

**Max. weight of door panels**  
50 kg

**Calculation of door height**

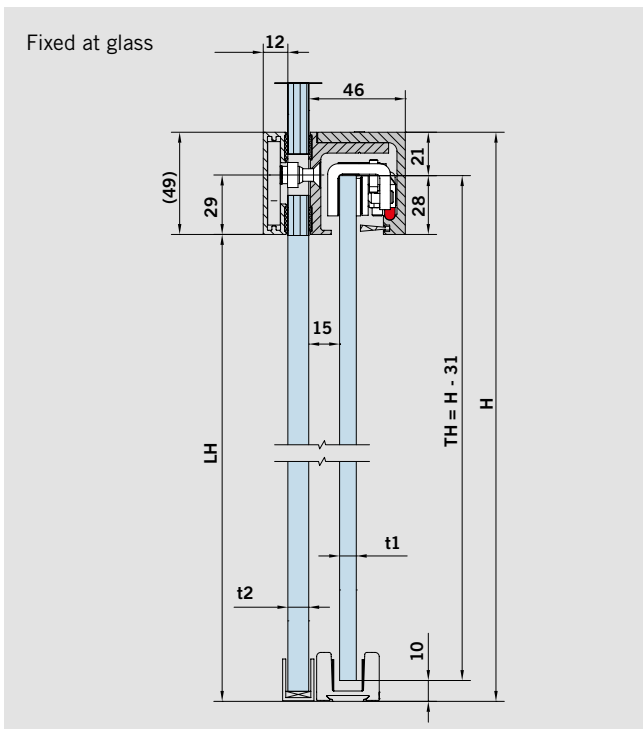
Fixed at wall:  
 $TH = H - 31$  mm (see drawing)

**Calculation of glass width**

$A = LW + 60$  mm

**Torque for screws in the clamp-carriers**

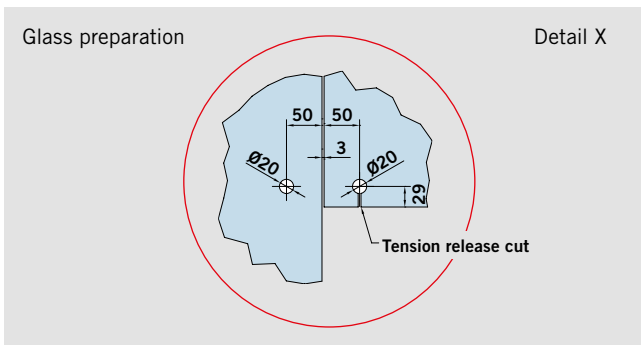
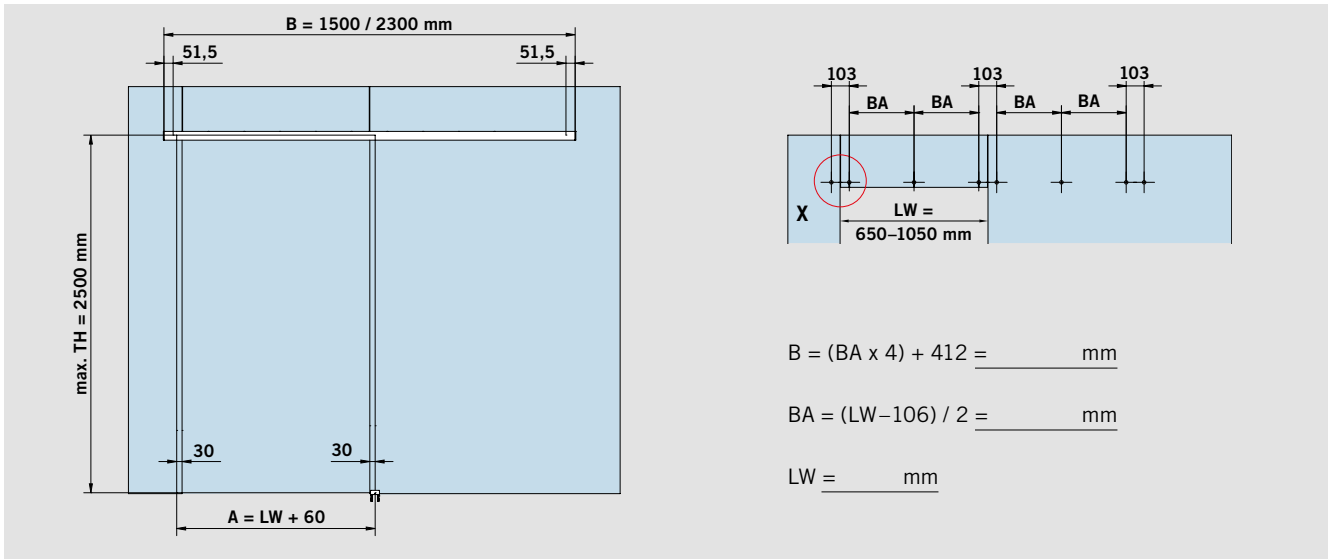
2 Nm



- A = Glass width
- B = Length of track
- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- TH = Door height
- t1 = Glass thickness sliding door (8/10 mm)
- t2 = Glass thickness fixed panel (10–19 mm)

To ensure a correct and alligned mounting of the track rail, a fully supporting fixed panel must be installed.

# CONCEPT TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS



**Features and Data**

For installations with one door leave; fixed at overpanel; for 8–10 mm glass thickness.

**Max. weight of door panels**  
50 kg

**Calculation of door height**

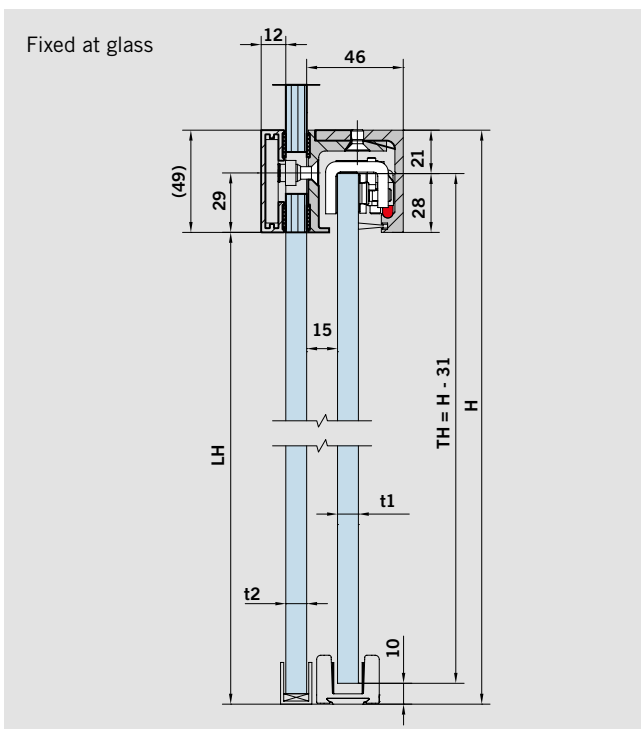
Fixed at wall:  
 $TH = H - 31 \text{ mm}$  (see drawing)

**Calculation of glass width**

$A = LW + 60 \text{ mm}$

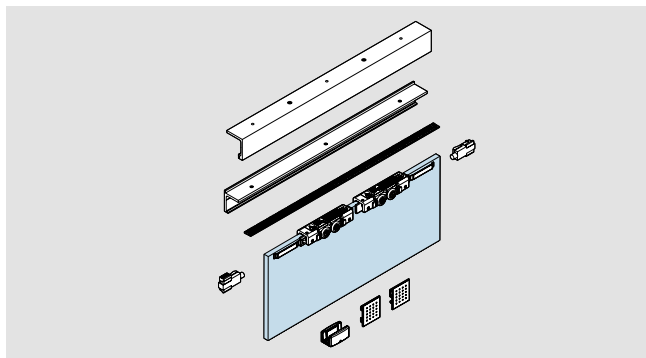
**Torque for screws in the clamp-carriers**

2 Nm



- A = Glass width
- B = Length of track
- BA = Drilling distance
- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- TH = Door height
- t = Glass thickness  
sliding door (8/10 mm)
- t2 = Glass thickness  
fixed panel (10–19 mm)

## SLIDING DOOR SETS FIXED AT WALL OR TO CEILING

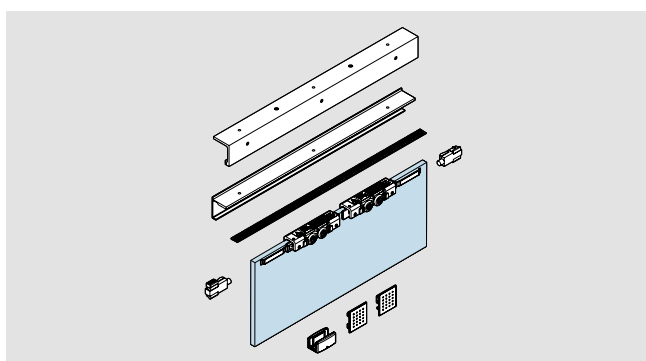


### AGILE 50 Sliding door set

#### Track fixed at wall

complete, consisting of  
 1 track,  
 1 angle profile,  
 2 clamp-carriers (for 8–10 mm  
 glass thickness) with stabilizer,  
 2 endstops with safety catch,  
 1 AGILE floor guide

Panel width	950	1450
Track	1900	2900
<b>Art. No.</b>	<b>07.410</b>	<b>07.413</b>

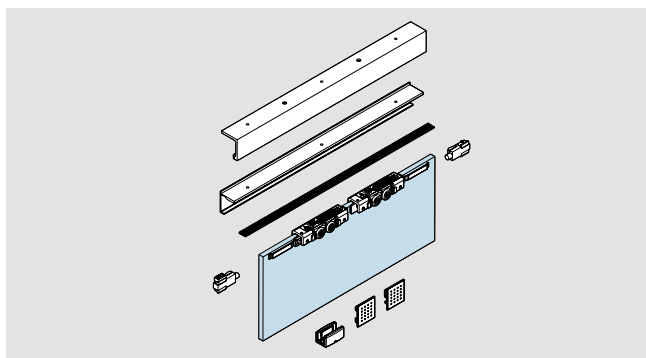


### AGILE 50 Sliding door set

#### Fixed directly at track / wall

complete, consisting of  
 1 track,  
 1 angle profile,  
 2 clamp-carriers (for 8–10 mm  
 glass thickness) with stabilizer,  
 2 endstops with safety catch,  
 1 AGILE floor guide

Panel width	950	1450
Track	1900	2900
<b>Art. No.</b>	<b>07.427</b>	<b>07.428</b>

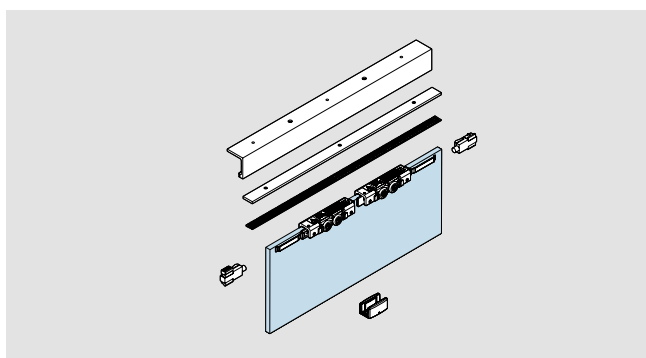


### AGILE 50 Sliding door set

#### Track fixed at ceiling

complete, consisting of  
 1 track,  
 1 cover profile,  
 2 clamp-carriers (8–10 mm  
 glass thickness)  
 with stabilizer, 2 endstops with  
 safety catch,  
 1 AGILE floor guide

Panel width	950	1450
Track	1900	2900
<b>Art. No.</b>	<b>07.411</b>	<b>07.414</b>



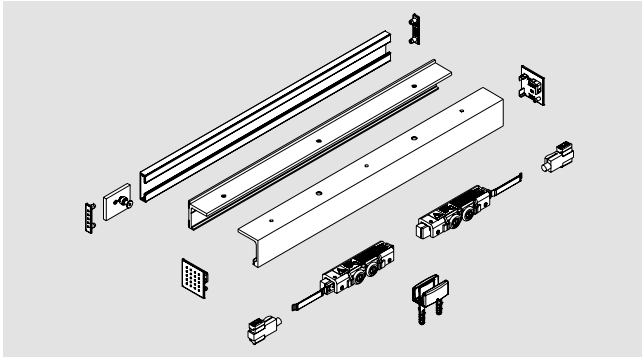
### AGILE 50 Sliding door set

#### Track fixed at ceiling – without cover profile

complete, consisting of  
 1 track,  
 2 clamp-carriers (8–10 mm  
 glass thickness) with stabilizer,  
 2 endstops with safety catch,  
 1 AGILE floor guide

Panel width	950	1450
Track	1900	2900
<b>Art. No.</b>	<b>07.412</b>	<b>07.415</b>

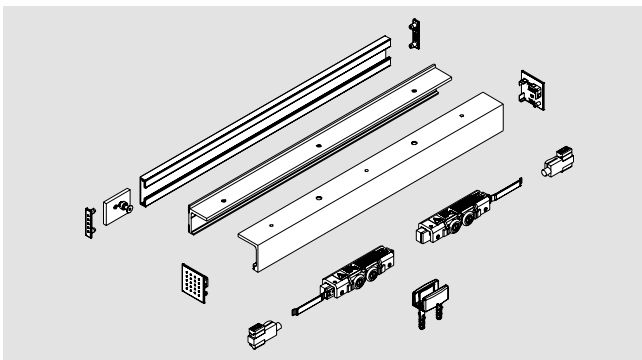
## COMPACT SLIDING DOOR SETS, FIXED AT GLASS, FOR SELECTED CLEAR OPENING WIDTH



**AGILE 50 sliding door set  
fixed at glass**

**Art. No. 07.713**

complete, consisting of:  
AGILE 50 track, counter profile,  
incl. fixing plates,  
AGILE 50 accessory set,  
end caps,  
view protection brushes

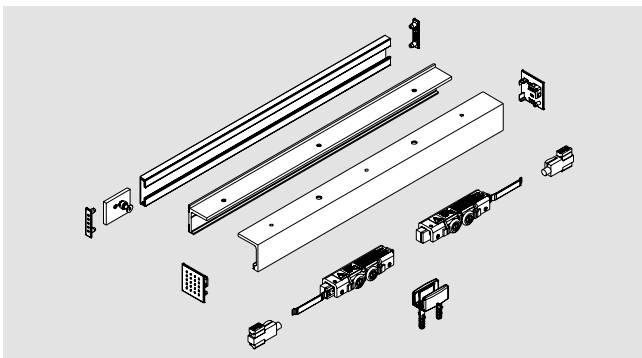


**AGILE 50 sliding door set  
fixed at glass**

**Art. No. 07.714**

complete, consisting of:  
AGILE 50 track (2300 mm),  
counter profile (2300 mm),  
incl. fixing plates,  
AGILE 50 accessory set,  
end caps  
view protection brushes

## CONCEPT SLIDING DOOR SET, FIXED AT GLASS, FOR INDIVIDUAL CLEAR OPENING WIDTH

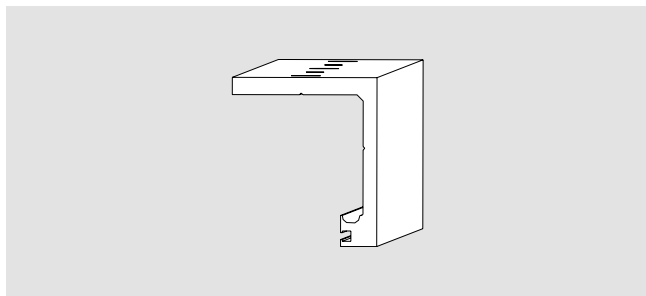


**AGILE 50 sliding door set  
fixed at glass**

**Art. No. 07.715**

for individual clear opening  
width 650 – 1050 mm  
consisting of: AGILE 50 track  
(1500 – 2300 mm),  
counter profile (1500 – 2300 mm),  
incl. fixing plates,  
AGILE 50 accessory set,  
end caps,  
view protection brushes

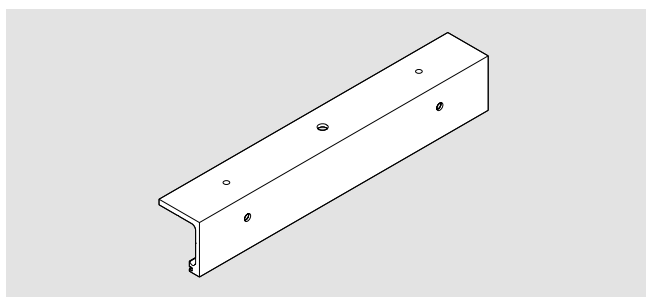
## COMPONENT PARTS FIXED AT WALL, DIRECTLY AT TRACK/WALL OR TO CEILING



**AGILE 50 track profile for ceiling/wall fixing, drilled**

**Art. No. 07.440**  
stock length 6000 mm

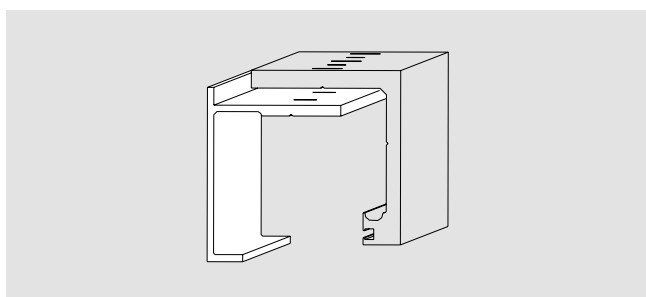
**Art. No. 07.450**  
in fixed length



**AGILE 50 track profile for direct track fixing to wall (without sidelights), drilled**

**Art. No. 07.444**  
in combination with 07.441  
stock length 6000 mm

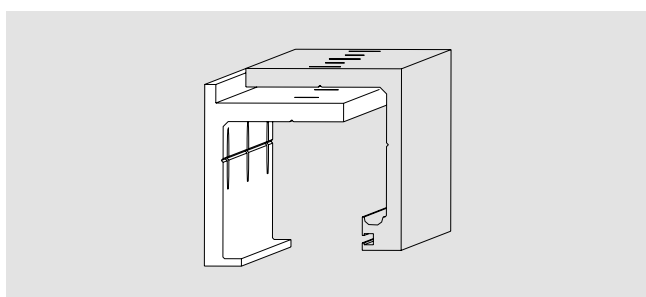
**Art. No. 07.454**  
in combination with 07.451  
in fixed length



**AGILE 50 cover profile with ceiling fixing, to be clipped on the AGILE track rail Art. No. 07.440/450 + 07.444/454**

**Art. No. 07.441**  
stock length 6000 mm

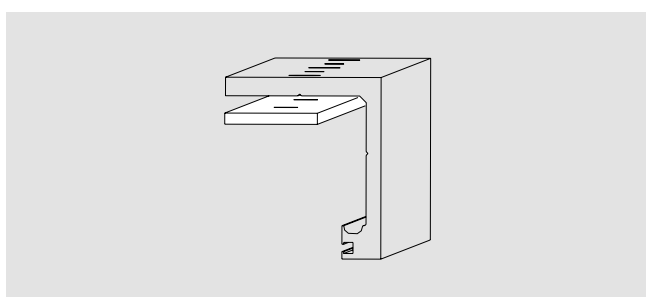
**Art. No. 07.451**  
in fixed length



**AGILE 50 angle profile with wall fixing, for track rail Art. No. 07.440/450, drilled**

**Art. No. 07.442**  
stock length 6000 mm

**Art. No. 07.452**  
in fixed length



**AGILE 50 additional sheet profile, necessary with ceiling fixing without cover profile**

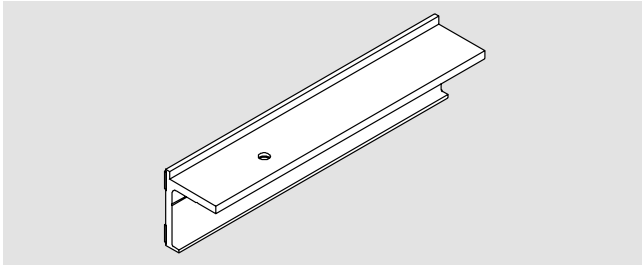
**Art. No. 07.443**  
stock length 6000 mm

**Art. No. 07.453**  
in fixed length



## COMPONENT PARTS FIXED AT GLASS

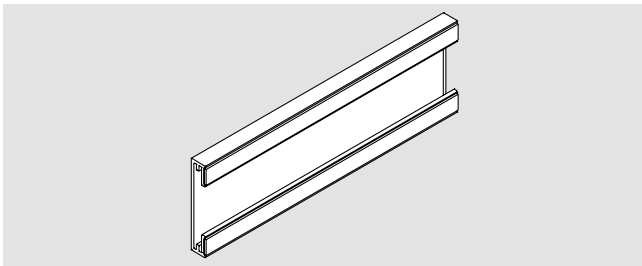
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**AGILE 50 glass connection profile**  
fixed at glass

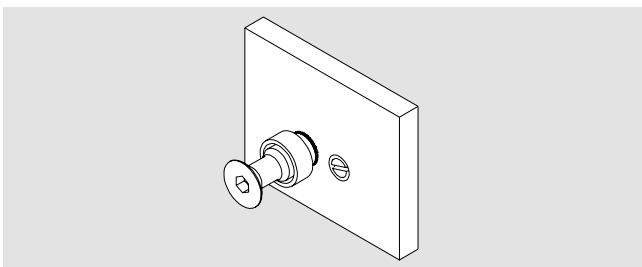
**Art. No. 07.717**  
stock length 6000 mm

**Note:** The profile has to be adapted with drillings for fixing to glass individually on site.



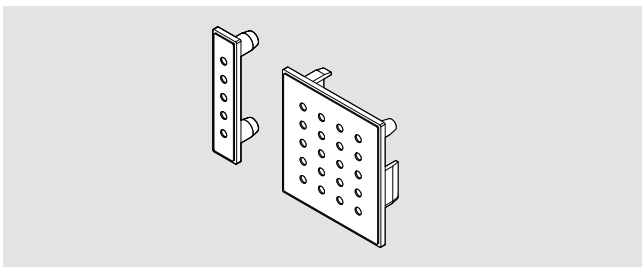
**AGILE 50 counter profile**  
fixed at glass

**Art. No. 07.716**  
stock length 6000 mm



**AGILE 50/150 fixing plates**  
fixed at glass  
(bag with 2 pcs.),  
incl. connecting screws

**Art. No. 07.282**

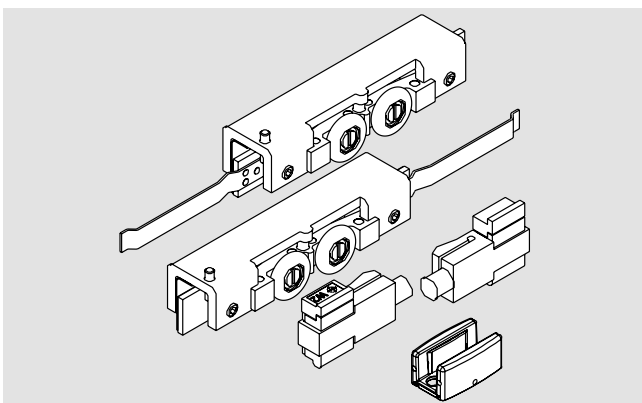


**AGILE 50 set end caps**  
fixed at glass  
(track + counter profile each  
left/right)

**Art. No. 07.732**

## AGILE 50 ACCESSORY SET

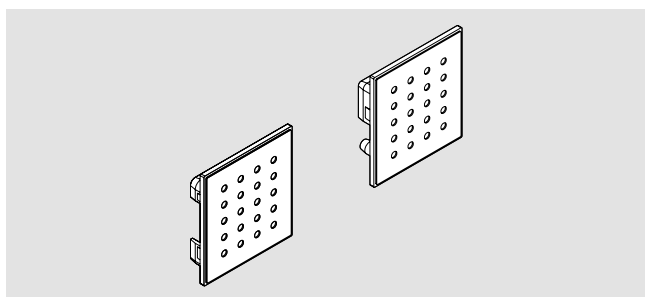
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**AGILE 50 accessory set**  
complete consisting of:  
2 clamp-carriers (for 8 and  
10 mm glass thicknesses) with  
stabilizer,  
2 endstops with safety catch,  
1 AGILE floor guide

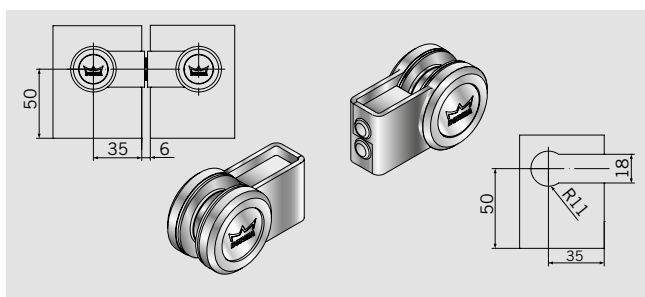
**Art. No. 07.425**

# ACCESSORIES



**AGILE 50 end cap**

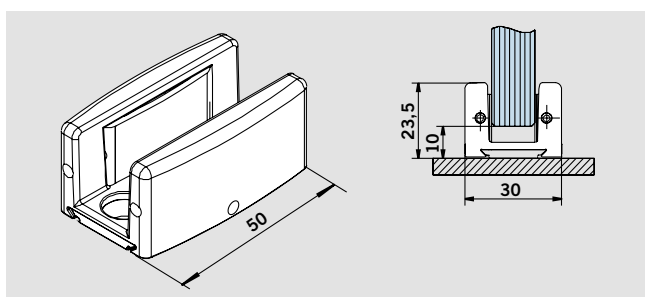
**Art. No. 07.727**



**Spacer**

for sliding doors that move in opposite directions

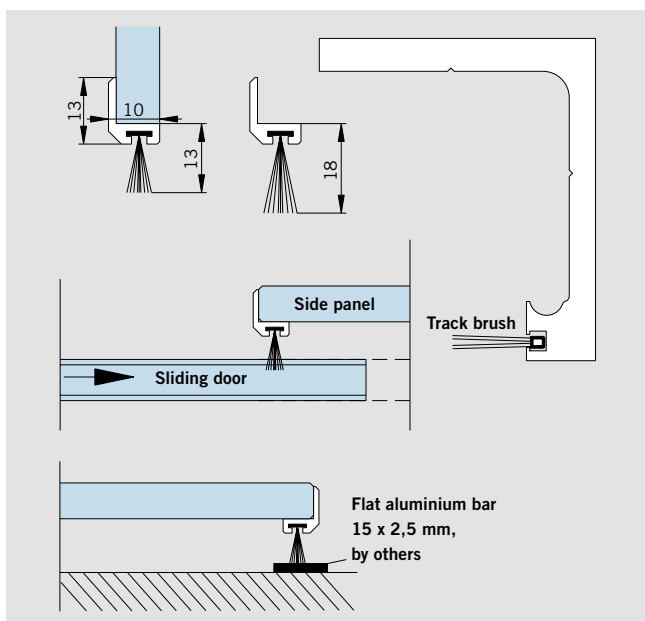
**Art. No. 29.420**



**AGILE floor guide,**

adjustable for 8, 10, 12 and 13.5 mm glass thicknesses

**Art. No. 07.316**



**Brush profile,**

for gaps up to 13 mm

**Art. No. 07.400**

stock length 3000 mm

**Art. No. 07.401**

in fixed length (max. 3000 mm)

**Brush profile,**

for gaps up to 18 mm,

**Art. No. 07.402**

stock length 3000 mm

**Art. No. 07.403**

in fixed length (max. 3000 mm)

**Track brush**

**Art. No. 07.424**

length 1250 mm



## AGILE 150/AGILE 150 SYNCRO

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**General information**

22–23

**Typical assemblies  
glass applications fixed  
at wall + to glass**

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**Typical assemblies  
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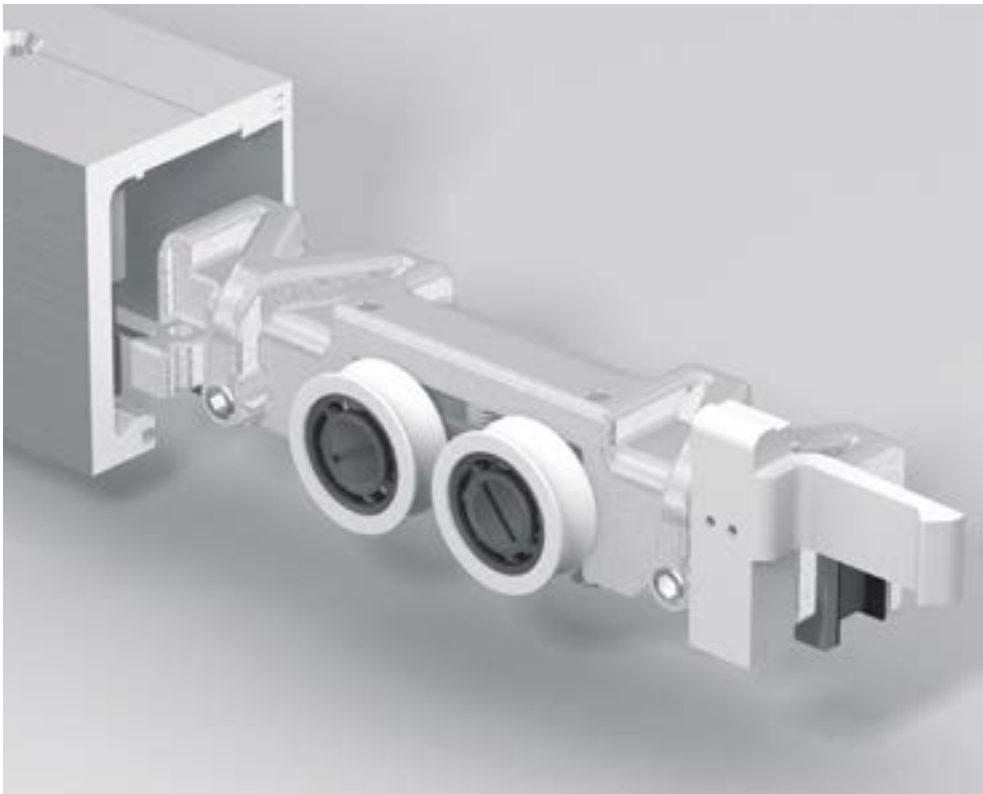
32–33

**Component parts**

34–36

**Accessories**

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# AGILE 150/AGILE 150 SYNCRO TINY DIMENSIONS – TREMENDOUS BENEFITS

## Superb track geometry

Height 63 mm x width 54/58/72 mm (ceiling / wall / direct track / wall / side screen version) – these are the telling dimensions of the AGILE 150 sliding door system. Moreover, all the operational equipment has been integrated out of sight within the track section – despite its dainty size. The elegantly and intricately designed profile eliminates the need for the cover sections required by other systems. It can be surface-treated in all the well-known anodised finishes and RAL colours. Stability and torsional stiffness constitute further important properties inherent in the AGILE 150 track geometry.

## Minimal gap

The minimised dimensions of the track profile and integration of the complete operational equipment within its section automatically give rise to very small clearances between the glass and wall or glass / glass components. Depending on the fixing method, gaps from just 12 mm (13.5 mm glass thickness) to 18 mm (8 mm glass thickness) are typical.

## Sophisticated track roller technology

The AGILE 150 is able to meet a wide variety of customer requirements - up to and including their highest demands. Just two maintenance-free clamp-type carriers can support and

transport glass panels of up to 150 kg. This is ensured by their special track roller technology, one which as well has proven successful over many years in applications involving horizontal sliding walls (DORMA HSW systems).

In terms of ease of operation, AGILE is able to satisfy the Class 3 criteria of EN 1527 – and that means a force equivalent to just 4 % max. of the door mass needs to be applied in order to overcome the initial friction and thus set the door in motion. So there is a guarantee that even large doors can be operated without undue effort.

Ease of operation acc. to EN 1527, Class 3 (example):  
Glass pane height 3,000 mm  
width 1,400 mm  
thickn. 12 mm  
weight 128 kg

Allowed initial friction acc. to EN 1527: 51 N  
Reached initial friction with AGILE 150: 22 N.

## Reliable stop

The doors are, of course, gently decelerated as well as being reliably held in both their closed and opened states by specially developed catch-type buffers.

## Elegant floor guide

The AGILE floor track offers an impressive combination of effective functionality and attractive design. Its two-part construction means it is very easy to install, and its infinite adjustability between 8 and 13.5 mm ensures safe and secure guidance of the glass panels.

## One system – many solutions

The AGILE 150 offers versatility in the truest sense of the word. The system can be fixed at the wall, to the ceiling or along a lintel in either its single-panel or double-panel configuration, and with or without fixed side screens. It can also be installed with a glass overpanel. If preferred, a timber sliding panel can be used instead of the glass version.

## No glass preparation

With clamp-type fittings, the need to drill and cut the glass is eliminated. Based on wide-ranging glass fabrication expertise, the suspension mounting has been designed so that the panels can be safely retained by the clamping effect alone. Installation is simple and uncomplicated and the time required – including that for glass panel production – is reduced to a minimum. The variable clamp-type carriers are able – as standard – to engage glass thicknesses between 8 and 13.5 mm and are continuously adjustable. A further advantage of the clamp-type carrier: even after the installation of the glass panels, in situ vertical adjustment of +/-5 mm can be carried out as required.

## Long service life

The exceptional longevity of the system has also been proven in protracted tests involving more than 100,000 operating cycles (performed to DIN EN 1527). And you will also find that the AGILE 150 takes corrosion resistance to a new level. So there are no obstacles to its installation and use in humid areas. Due to chemicals (e. g. chlorine) that may occur in the air of swimming pools, saunas and brine baths the fittings are as a rule not suitable for use in such environments. If you have an application such as this in mind nevertheless, we will be pleased to advise you further.

## Convenient Syncro version

The AGILE system is also available in a „Syncro“ version. In this configuration, double-panelled sliding door sets open and close in counter direction when just one of the panels is operated. A virtually invisible and thoroughly proven cable and pulley return system ensures the long-term availability of this enhancement in operating convenience.

## Modular system

The inherent handling ease coupled with a thoroughly systematic approach will greatly facilitate your planning work when implementing the AGILE 150 concept. Several set solutions for different fixing situations are available, as are individually tailored configurations.



Floor guide

# NEW: SECURE RETENTION EVEN WITH LAMINATED SAFETY GLASS WITHOUT ADDITIONAL GLASS DRILLING / MACHINING

## More reliability plus enhanced creative scope

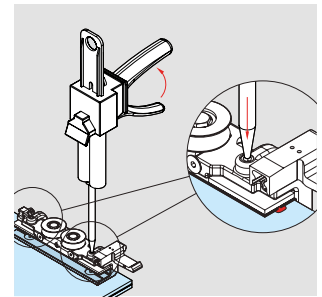
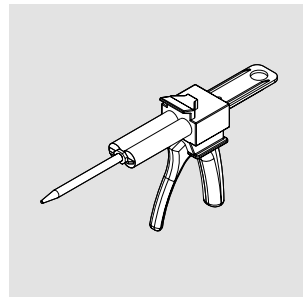
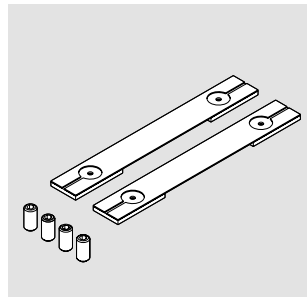
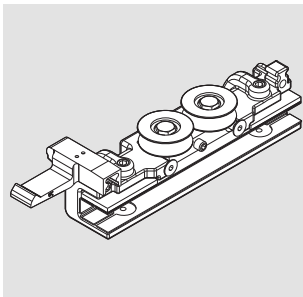
Laminated safety glass is becoming increasingly popular as the preferred panel material in all-glass sliding doors and partitions. Naturally, the additional safety that this offers in the event of glass breakage is an important factor in this development. However, the plastics film used in the sandwich can also bring extended design possibilities (e.g. provision of color or a photo print), as well as additional functionality such as sound-proofing. However, there are also limitations when using LSG.

Because of the presence of the plastics film in the laminated, multi-layer structure, for example, the level of clamping force that can be applied to the panel is somewhat lower than in the case of monolithic glass. Blisters can also form in the area of the clamp. Moreover, due to temperature fluctuations, aging or other influences, the film may undergo shrinkage, thus reducing the retaining force of the clamp fittings. Especially in the case of sliding doors with their dynamic pull-out stresses, the retaining/clamping force applied is particularly important.

## Less work – huge effect

With the new, easy-to-install specialty accessories package for the AGILE 150 range of architectural hardware, the risks associated with LSG are eliminated at a stroke. Once the clamp-type carrier has been attached to the glass panel, a special adhesive is applied to the innovative clamping screws and this then spreads over the glass via a special slot in the clamping plates. Despite the special characteristics of LSG, the ensuing combination of substantially reduced clamping force and additional adhesive

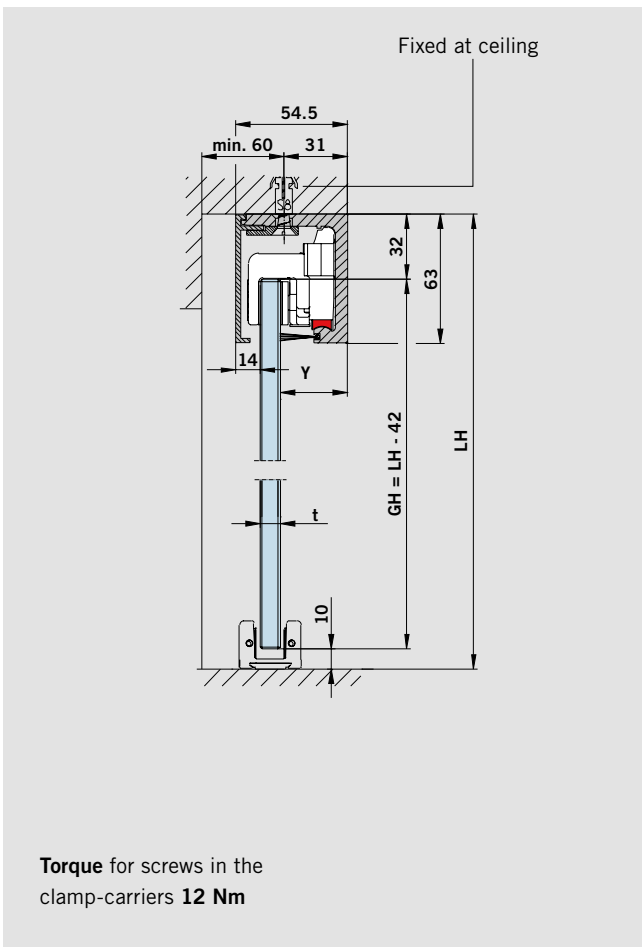
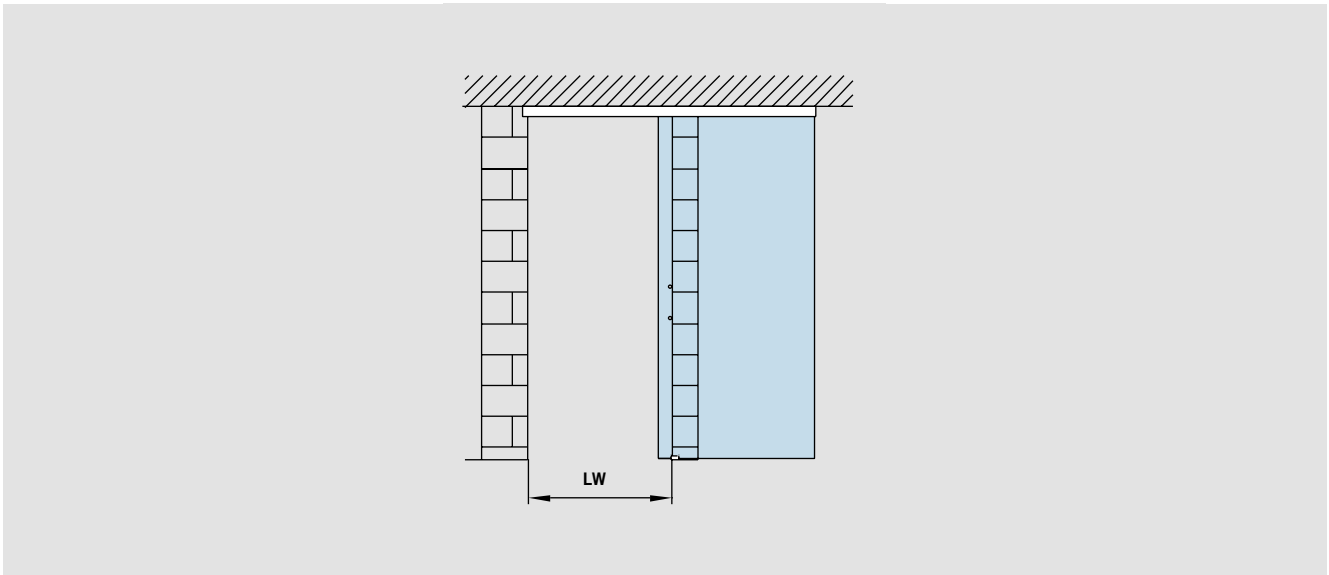
bonding ensures that the glass panel is securely held on a much more permanent basis. The only slightly modified clamp-type carriers, destined to become part of the standard scope of supply as from April 2013, can also be used without problem in combination with the track elements employed for toughened safety glass systems, with all the successfully implemented adjustment features, such as in situ height alignment, remaining fully available.







# TYPICAL ASSEMBLIES FIXED AT CEILING



### Features and Data

#### AGILE 150

For installations with one or two door panels; fixed at ceiling for 8–13.5 mm glass thickness, continuously adjustable LSG (10 – 13,5 mm) see page 37

#### Max. weight of door panels

150 kg

### Calculation of glass height

Fixed at ceiling:

$$GH = LH - 42 \text{ mm}$$

(see drawing)

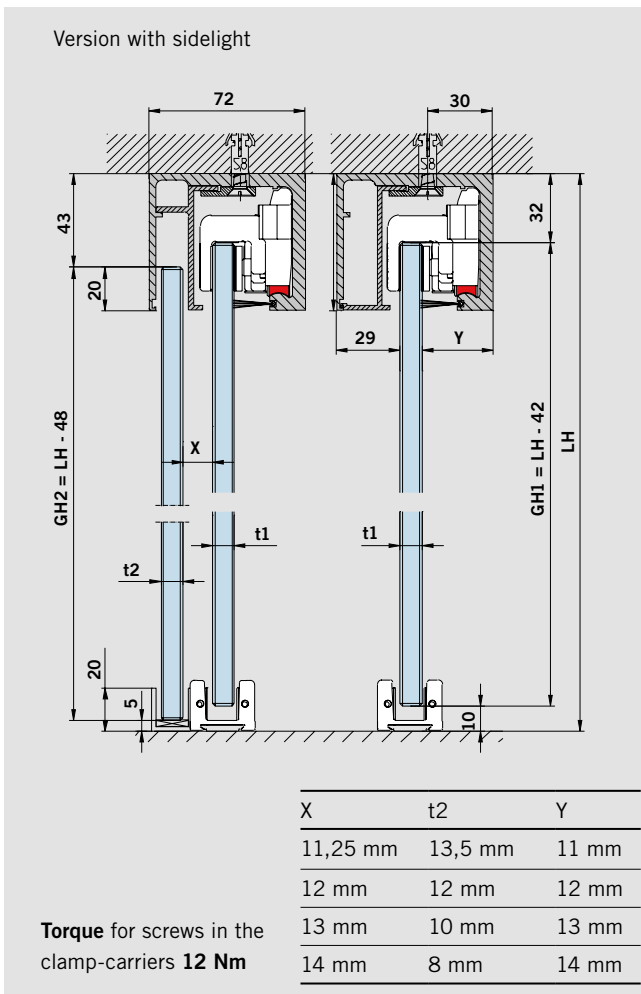
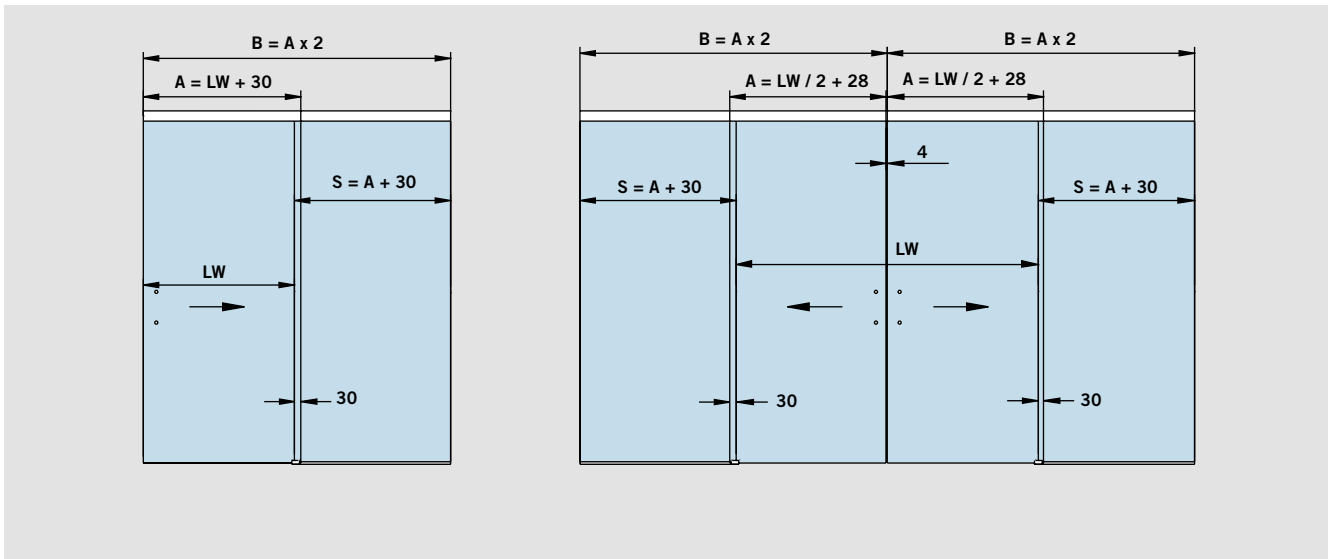
### Calculation of glass width

$$A = LW + 60 \text{ mm}$$

(min. 500 mm)

- A = Glass width
- B = Length of track
- GH = Glass height
- LH = Clear opening height
- LW = Clear opening width
- t = Glass thickness (8–13,5 mm)
- Y = 54 – (12 + t)

# TYPICAL ASSEMBLIES WITH ONE OR TWO DOOR PANELS, WITH SIDELIGHTS



**Features and Data**

**AGILE 150**

For installations with one or two door panels, with sidelights; for 8–13.5 mm glass thickness, continuously adjustable LSG (10 – 13,5 mm) see page 37

**Max. weight of door panels**

150 kg

**Calculation of glass height**

Sliding panels:  
 $GH1 = LH - 42 \text{ mm}$   
 (see drawing right hand)

Sidelights:  
 $GH2 = LH - 48 \text{ mm}$   
 (see drawing left hand)

**Calculation of glass width**

Sliding panels:  
 $A = LW + 30$   
 $A = LW / 2 + 28$  (min. 500 mm)  
 (see drawing at the top)

Sidelights:  
 $S = A + 30 \text{ mm}$

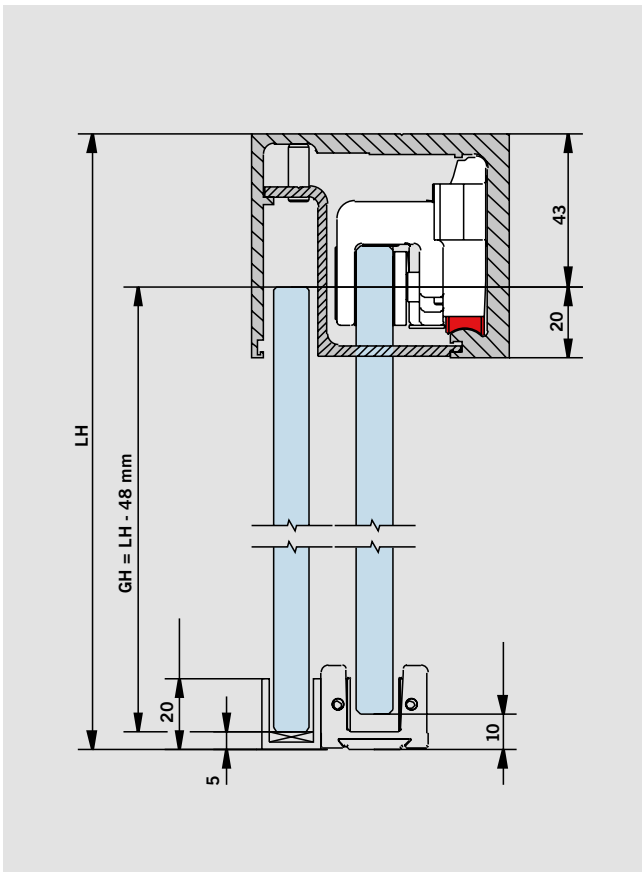
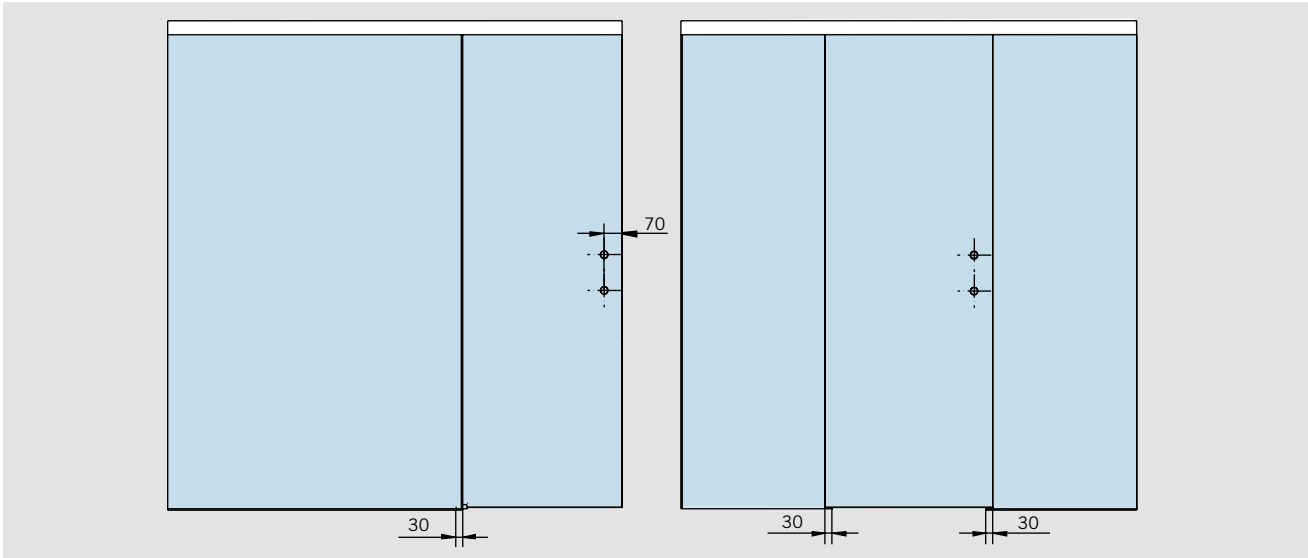
- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- LH = Clear opening height
- LW = Clear opening width
- S = Glass width sidelight
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y =  $72 - (29 + t)$

**Option:**

Lateral sealing to wall  
 see page 41

**Note:** In order to maximise the protection afforded to the glass, we recommend that spacer 29.420 be fitted to sliding doors that move in opposite directions (see page 41).

# TYPICAL ASSEMBLIES FOR FIXED GLASS ELEMENTS ALIGNED WITH SIDELIGHTS



**Features and Data**

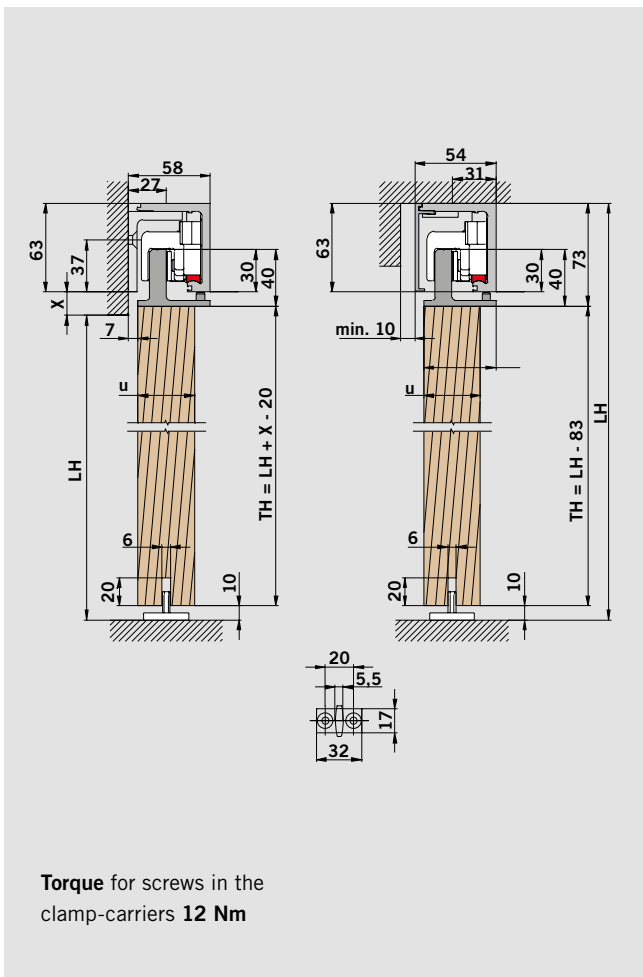
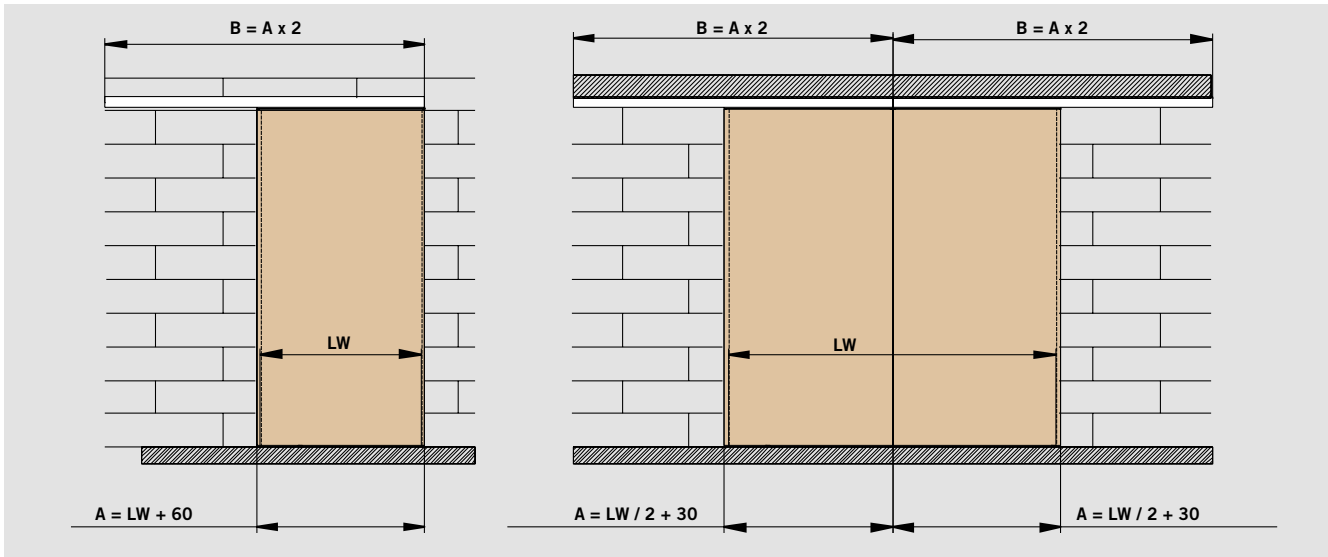
**AGILE 150**

**Calculation of glass height for fixed panels**

Sidelights:  
 $GH = LH - 48 \text{ mm}$

GH = Glass height  
 LH = Clear opening height

# TYPICAL ASSEMBLIES FOR TIMBER APPLICATIONS



**Features and Data**

**AGILE 150 for timber applications**

For installations with one or two door panels;  
fixed at wall or ceiling;  
for 28–40 mm timber elements

**Max. weight of door panels**  
150 kg

**Calculation of door height**

$TH = LH + X - 20 \text{ mm}$   
 $TH = LH - 83 \text{ mm}$   
(see drawing)

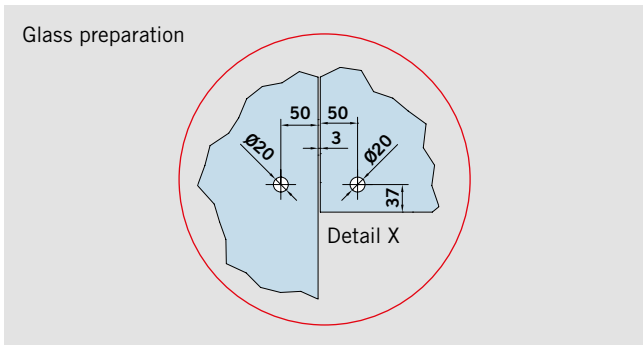
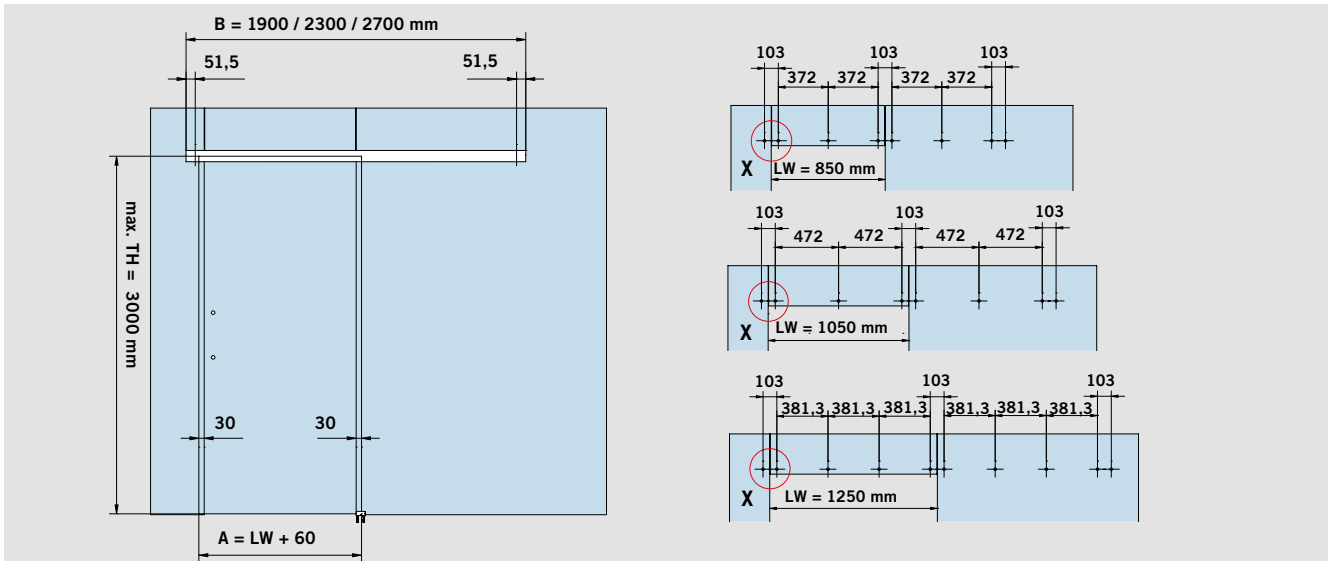
**Calculation of door width**

$A = LW + 40 \text{ mm}$   
 $A = LW / 2 + 20$   
(min. 500 mm)

- A = Door width
- B = Length of track
- LH = Clear opening height
- LW = Clear opening width
- TH = Door height
- u = thickness of timber (28–40 mm)



# COMPACT TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS



**Features and Data**

**AGILE 150 to glass**  
in 3 predefined widths

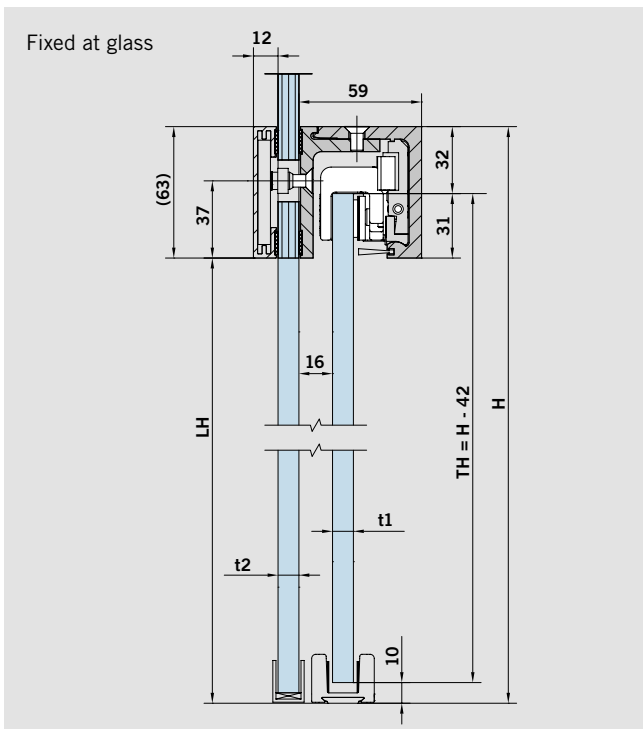
For installations with one panel fixed at glass;  
for 8–13.5 mm glass thickness, continuously adjustable LSG (10 – 13,5 mm) see page 37

**Calculation of glass width**  
 $A = LW + 60 \text{ mm}$

**Torque for screws in the clamp-carriers**  
12 Nm

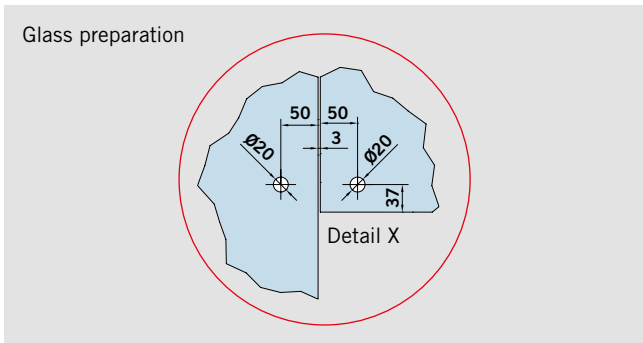
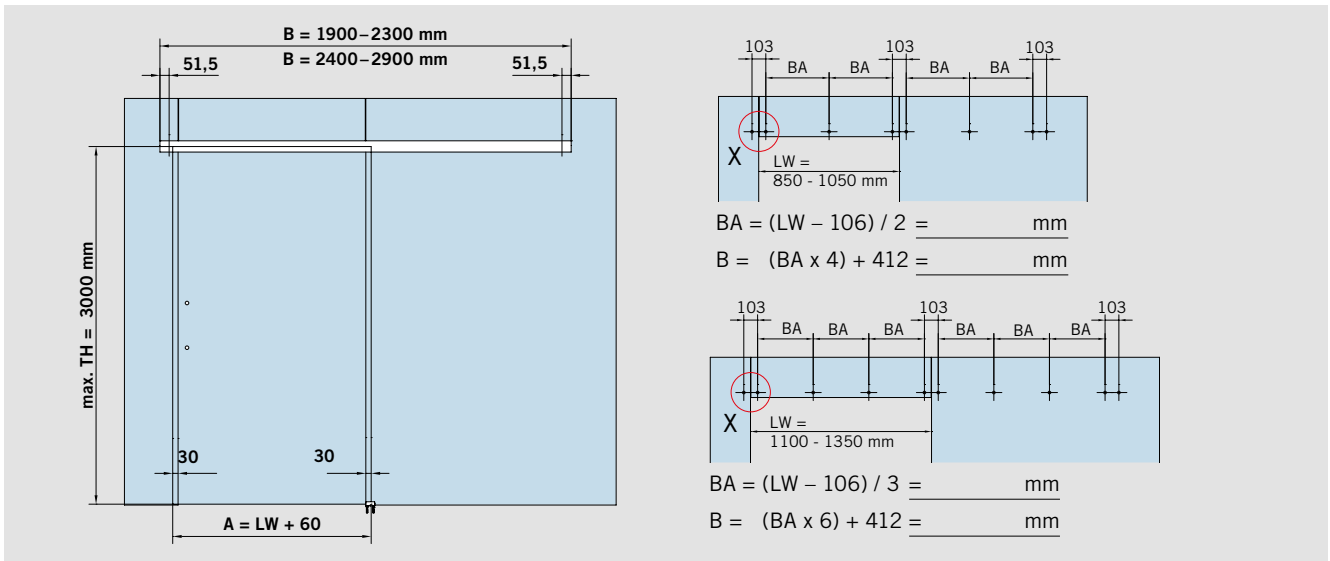
**Max. weight of door panel**  
150 kg

**Calculation of glass height**  
 $TH = LH - 42 \text{ mm}$   
(see drawing)



- A = glass width
- B = length of track
- H = total height
- LH = clear opening height
- LW = clear opening width
- TH = door height
- t1 = glass thickness sliding door (8–13.5 mm)
- t2 = glass thickness fixed panel (10–19 mm)

# CONCEPT TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS



**Features and Data**

**AGILE 150 to glass**

in selectable exact widths according to customer specification

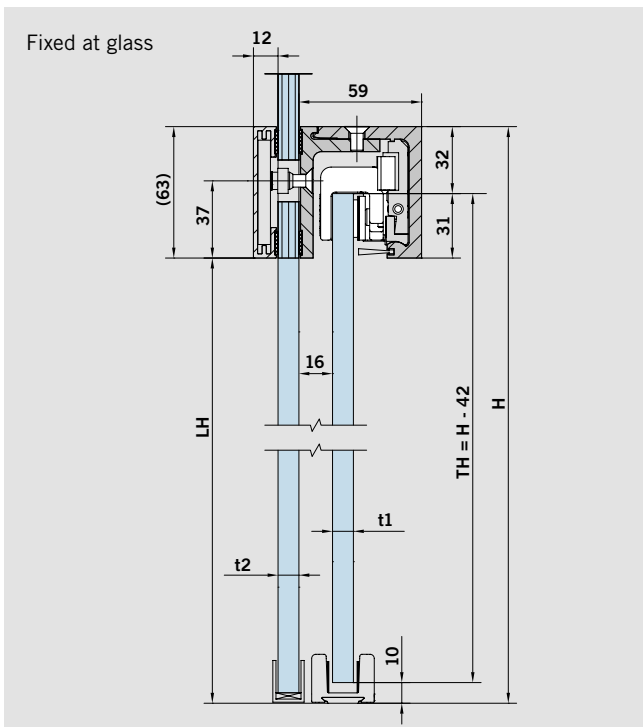
For installations with one panel fixed at glass;  
for 8–13.5 mm glass thickness, continuously adjustable LSG (10 – 13,5 mm) see page 37

**Calculation of glass width**

$A = LW + 60 \text{ mm}$

**Torque for screws in the clamp-carriers**

12 Nm



**Max. weight of door panel**

150 kg

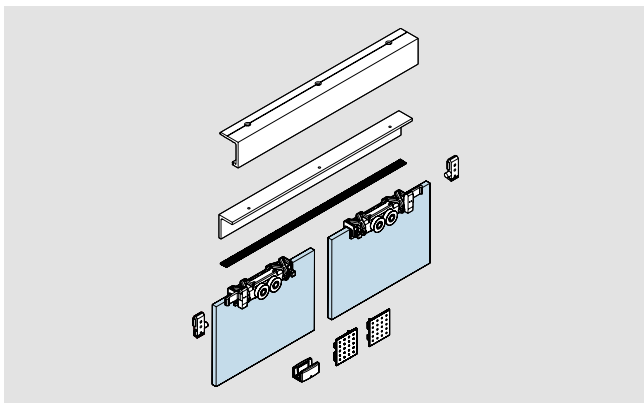
**Calculation of glass height**

$TH = LH - 42 \text{ mm}$

(see drawing)

- A = glass width
- B = length of track
- BA = drilling distance
- H = total height
- LH = clear opening height
- LW = clear opening width
- TH = door height
- t1 = glass thickness sliding door (8–13.5 mm)
- t2 = glass thickness fixed panel (10–19 mm)

## SLIDING DOOR SETS FIXED AT WALL OR AT CEILING



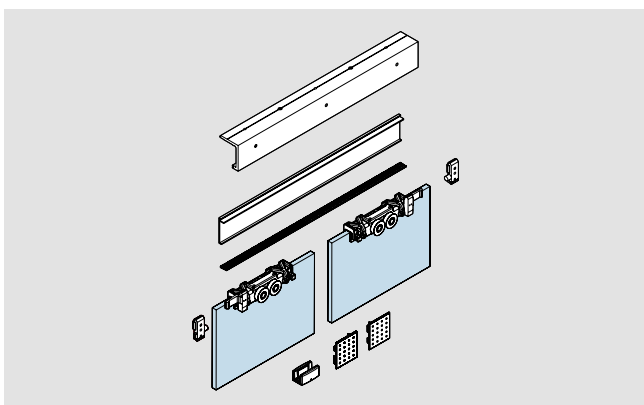
### AGILE 150 Sliding door set

#### Track fixed at wall

complete, consisting of

- 1 track,
- 1 angle profile,
- 2 clamp-carriers (for 8–13,5 mm glass thickness) with stabilizer,
- 2 endstops with safety catch,
- 1 AGILE floor guide

Panel width	950	1450
Track	1900	2900
<b>Art. No.</b>	<b>07.300</b>	<b>07.302</b>
Weight in kg	8.000	11.600



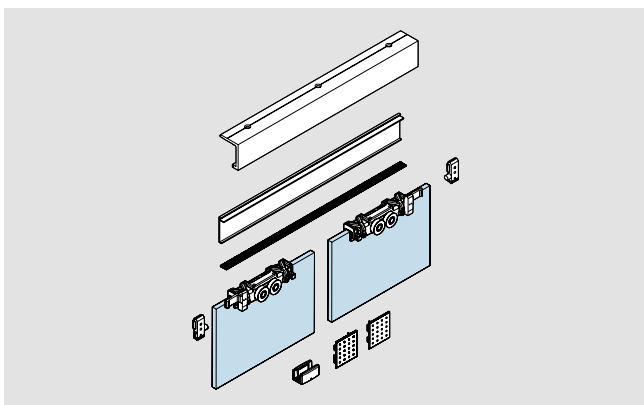
### AGILE 150 Sliding door set

#### Fixed directly at track / wall

complete, consisting of

- 1 track,
- 1 angle profile,
- 2 clamp-carriers (for 8–13,5 mm glass thickness) with stabilizer,
- 2 endstops with safety catch,
- 1 AGILE floor guide

Panel width	950	1450
Track	1900	2900
<b>Art. No.</b>	<b>07.304</b>	<b>07.305</b>
Weight in kg	6.800	9.500



### AGILE 150 Sliding door set

#### Track fixed at ceiling

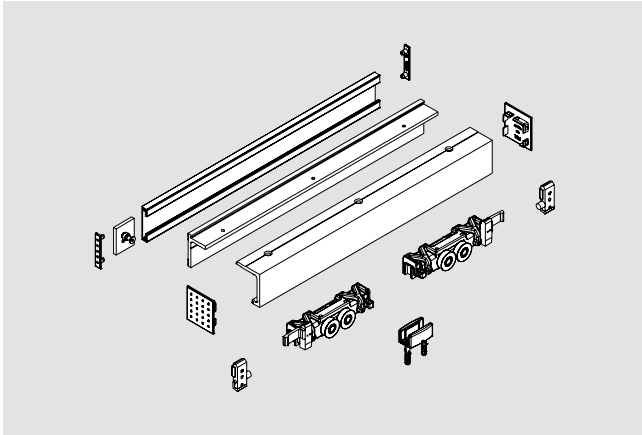
complete, consisting of

- 1 track,
- 1 angle profile,
- 2 clamp-carriers (for 8–13,5 mm glass thickness) with stabilizer,
- 2 endstops with safety catch,
- 1 AGILE floor guide

Panel width	950	1450
Track	1900	2900
<b>Art. No.</b>	<b>07.301</b>	<b>07.303</b>
Weight in kg	6.800	9.500



## COMPACT SLIDING DOOR SETS, FIXED AT GLASS, FOR SELECTED CLEAR OPENING WIDTH

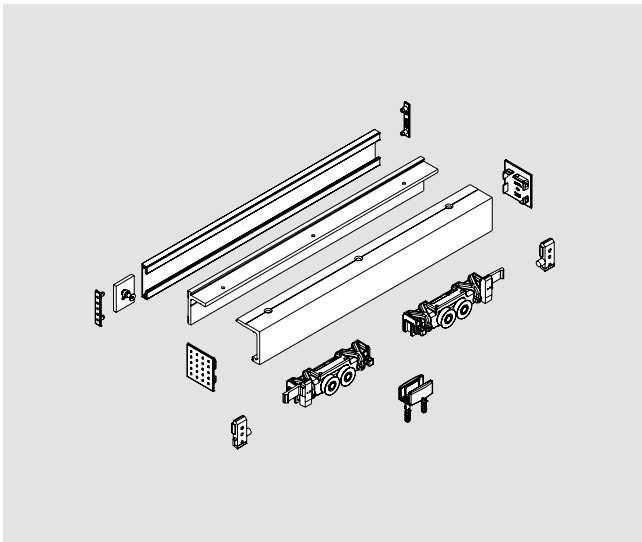


### AGILE 150 sliding door set

in 3 predefined widths  
fixed at glass,  
complete consisting of:  
AGILE 150 track, counter  
profile, incl. fixing plates,  
AGILE 150 accessory set,  
end caps,  
view protection brushes

Clear opening width	850	1050	1250
Track	1900	2300	2700
<b>Art. No.</b>	<b>07.735</b>	<b>07.736</b>	<b>07.737</b>

## CONCEPT SLIDING DOOR SET, FIXED AT GLASS, FOR INDIVIDUAL CLEAR OPENING WIDTH

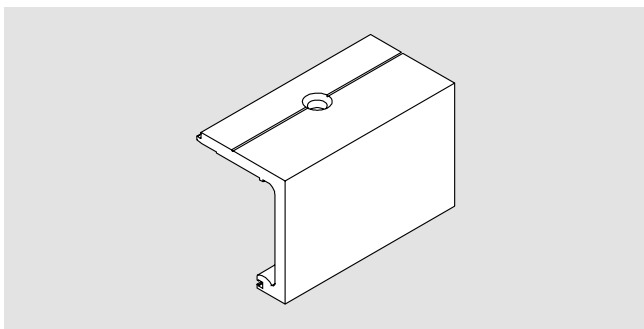


### AGILE 150 sliding door set

in selectable exact widths  
according to customer  
specification  
fixed at glass,  
complete consisting of:  
AGILE 150 track, counter  
profile (1500 – 2900 mm),  
incl. fixing plates,  
AGILE 150 accessory set,  
end caps,  
view protection brushes

Clear opening width	850–1050	1100–1350
Track	1900–2300	2400–2900
<b>Art. No.</b>	<b>07.738</b>	<b>07.739</b>

## COMPONENT PARTS FOR VERSION WITHOUT SIDELIGHTS

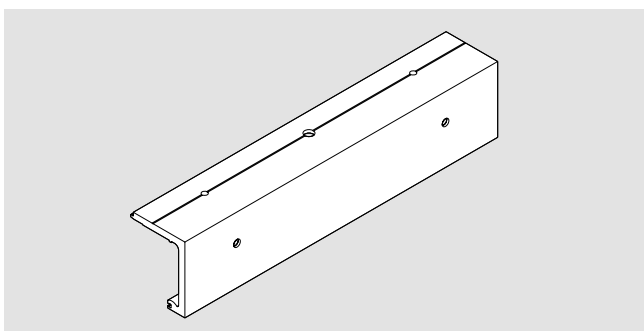


**AGILE 150 track profile - ceiling or wall fixed**  
(for installation without sidelights), drilled

**Art. No. 07.340**  
stock length 6000 mm

**Art. No. 07.350**  
in fixed lengths

Weight in kg/m: 1.910

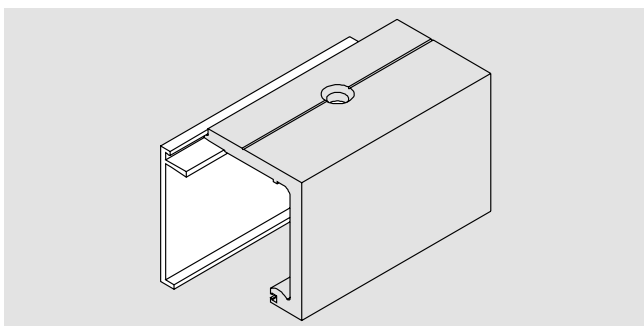


**AGILE 150 track profile, for direct track fixing to wall**  
(without sidelights), drilled

**Art. No. 07.343**  
in combination with 07.341  
stock length 6000 mm

**Art. No. 07.356**  
in combination with 07.351  
in fixed lengths

Weight in kg/m: 1.910

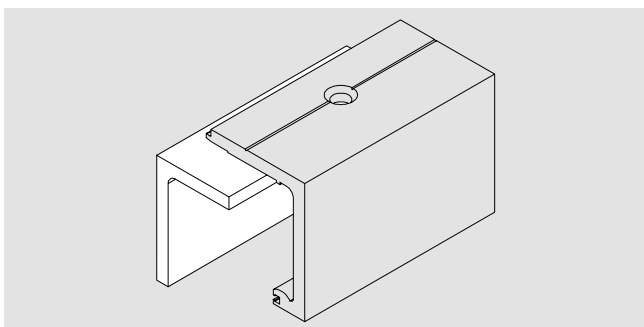


**AGILE 150 cover profile, for ceiling fixed track,**  
for clip-on to track profile  
Art. No. 07.340/350 + 07.343/356

**Art. No. 07.341**  
stock length 6000 mm

**Art. No. 07.351**  
in fixed lengths

Weight in kg/m: 0.520



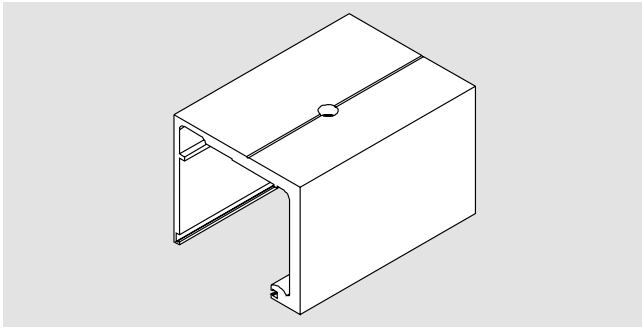
**AGILE 150 angle profile, for wall fixed track**  
Art. No. 07.340/350 drilled

**Art. No. 07.342**  
stock length 6000 mm

**Art. No. 07.352**  
in fixed lengths

Weight in kg/m: 1.450

## COMPONENT PARTS FOR VERSION WITH SIDELIGHTS

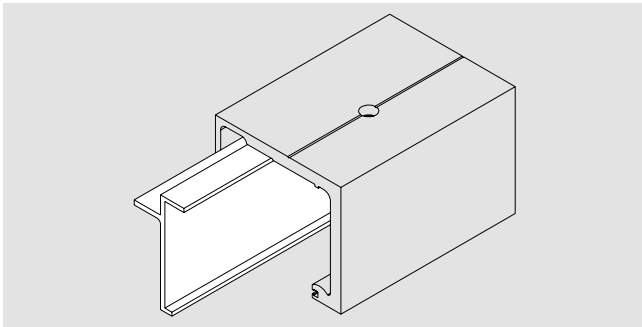


**AGILE 150 track profile,**  
drilled,  
(for installation with sidelights)

**Art. No. 07.360**  
stock length 6000 mm

**Art. No. 07.370**  
in fixed lengths

Weight in kg/m: 2.623

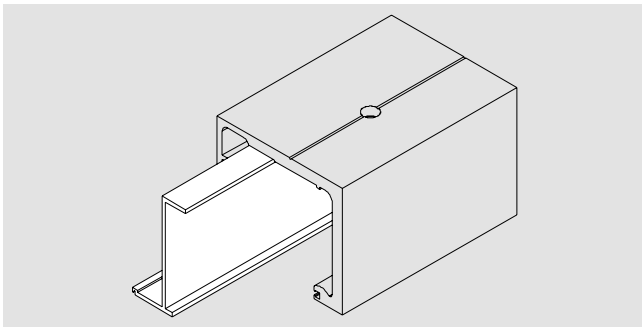


**AGILE 150 sidelight fixing profile,**  
for track Art. No. 07.360/370  
(for fixing a sidelight)

**Art. No. 07.361**  
stock length 6000 mm

**Art. No. 07.371**  
in fixed lengths

Weight in kg/m: 0.348

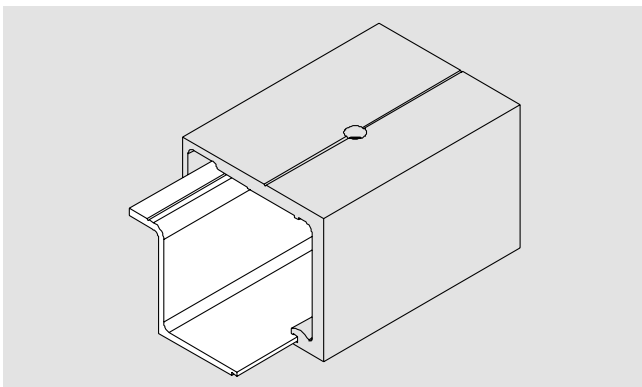


**AGILE 150 view protection profile,**  
for track Art. No. 07.360/370  
(to cover gap in entry area)

**Art. No. 07.362**  
stock length 6000 mm

**Art. No. 07.372**  
in fixed lengths

Weight in kg/m: 0.405



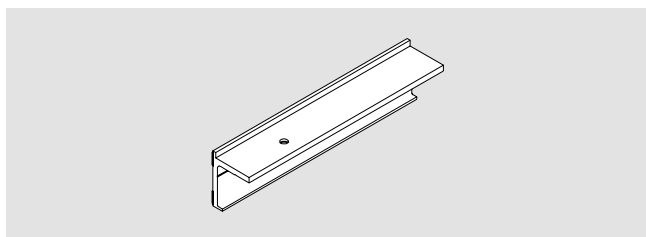
**AGILE 150 sidelight inlaid profile**  
(for fixing a sidelight) to cover  
gap in sidelight area  
for track rail Art. No. 07.360/370

**Art. No. 07.364**  
stock length 6000 mm

**Art. No. 07.374**  
in fixed lengths

**Art. No. 07.364/07.374 cannot be used without prepared view protection profiles (07.376/07.375).**

## COMPONENT PARTS AGILE 150 FIXED AT GLASS

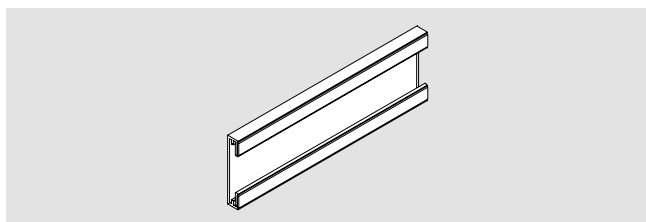


**AGILE 150**  
**Glass connection profile**  
 fixed at glass

**Art. No. 07.711**  
 stock length 6000 mm

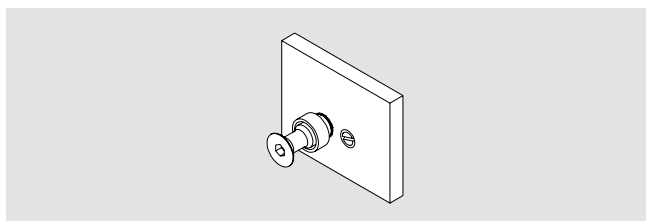
**Note:**

The profile has to be adapted with drillings for fixing to glass individually on site.



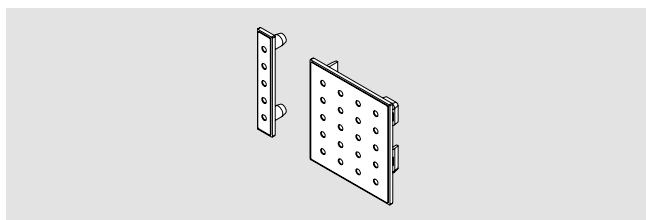
**AGILE 150 counter profile**  
 fixed at glass

**Art. No. 07.710**  
 stock length 6000 mm



**AGILE 50/150 fixing plates**  
 fixed at glass  
 (bag with 2 pcs.),  
 incl. connecting screws

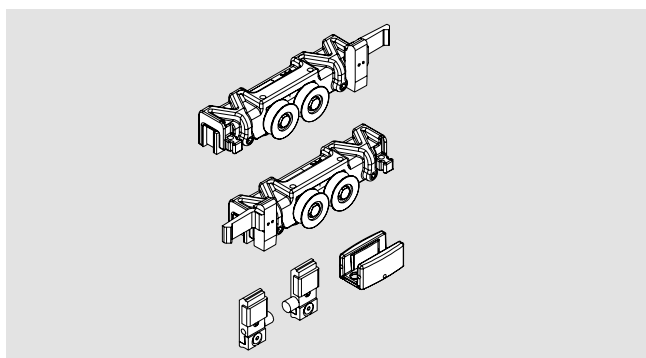
**Art. No. 07.282**



**AGILE 150 set end caps**  
 fixed at glass  
 (track + counter profile each  
 left / right)

**Art. No. 07.730**

## AGILE 150 ACCESSORY SET



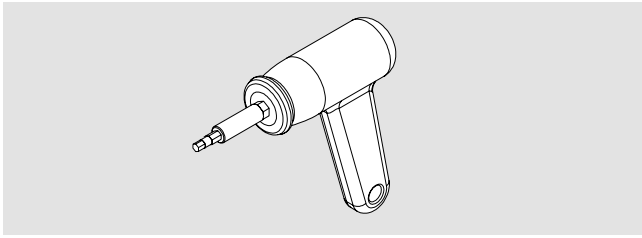
**AGILE 150 accessory set –**  
**Version 2010**

**Art. No. 07.725**

consisting of:  
 2 clamp carriers for  
 8–13,5 mm glass thickness  
 (continuously adjustable),  
 2 endstops with safety catch  
 and anti jump device,  
 1 AGILE floor guide for  
 8–13,5 mm glass thickness  
 (continuously adjustable)

**AGILE 150 accessory set as replacement for assemblies delivered up to Dec. 2009 on request.**

If parts of replacement are required please mention the date of purchase.

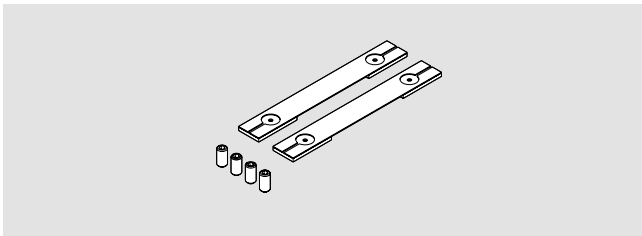


**Torque wrench**  
calibrated to 12 Nm  
(adjustable 3,2–16 Nm )

**Art. No. 07.624**

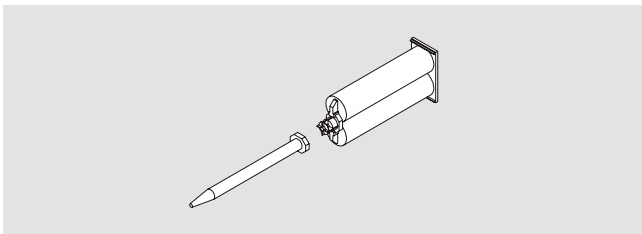
## AGILE 150 – ADDITIONAL ACCESSORIES FOR LAMINATED SAFETY GLASS (LSG)

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**LSG accessory set**  
for 1 pair of clamp carriers,  
consisting of:  
Special clamp plates and  
gaskets, special clamp screws

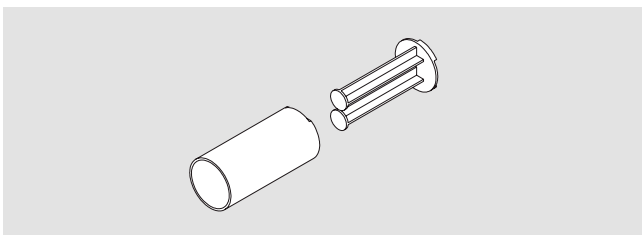
**Art. No. 07.640**



**Special adhesive for use with LSG**  
incl. mixing jet

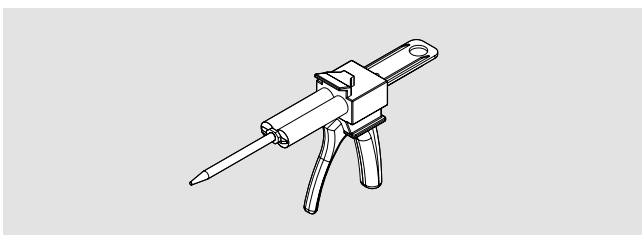
**Art. No. 07.631**

Use in combination with AGILE 150 laminated safety glass accessory set Art.-No. 07.640



**Automix-adaptor for AGILE 150**  
for use with special adhesive  
Art. No 07.627

**Art. No. 07.628**



**Automix-pistol for AGILE 150**  
for use with special adhesive  
Art. No 07.627

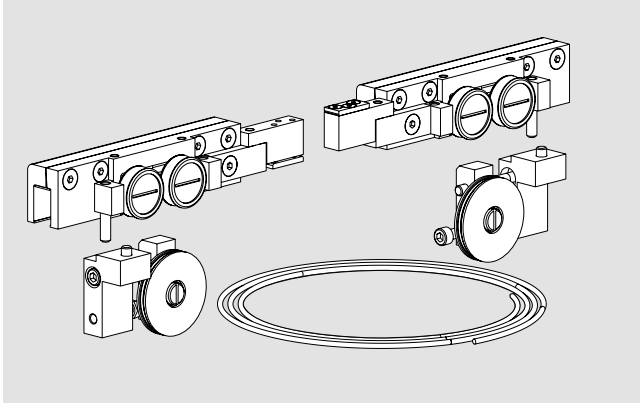
**Art. No. 07.629**

## AGILE 150 SYNCRO SET

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**Attention:** The AGILE track rail / wall angle should be prepared (customised profiles / adjustment on site) prior to installation.

**Consider the mounting instructions!**



**AGILE 150 Syncro set**

for 2-panel synchronously opening system,  
max. panel width 1000 mm,  
max. panel weight 80 kg  
per panel,  
consisting of:  
2 x accessory set Art. No. 07.325,  
1 x deflection device incl. cable,  
adjustable

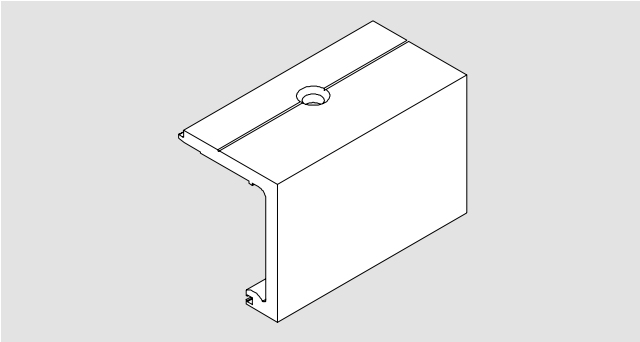
**Not applicable for LSG!**

**Art. No. 07.330**

Track profiles etc. have to be ordered separately.

## AGILE 150 – PREPARED PROFILES FOR SYNCRO APPLICATIONS CEILING FIXING

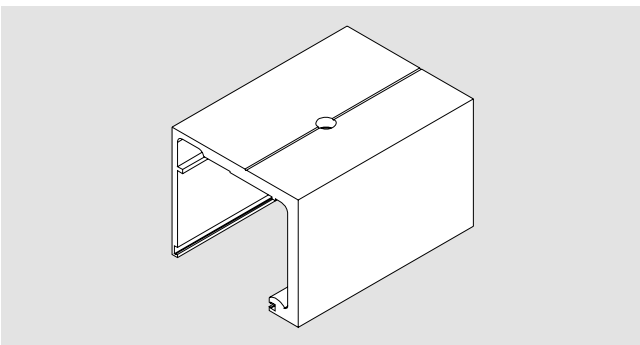
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**AGILE 150 track profile for ceiling fixing, prepared for Syncro**  
(for applications without sidelights), drilled

**Art. No. 07.353**  
in fixed lengths

Cover profile 07.351 has to be ordered separately, if required.



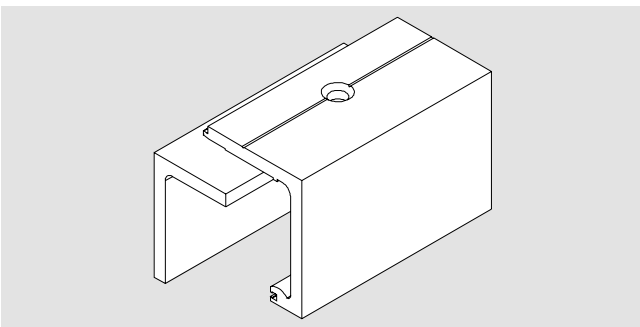
**AGILE 150 track / sidelight profile, ceiling fixing**  
(for application with sidelights), prepared for Syncro, drilled

**Art. No. 07.373**  
in fixed lengths

Sidelight / edge profile 07.361 and view protection profile 07.362 has to be ordered separately, if required.

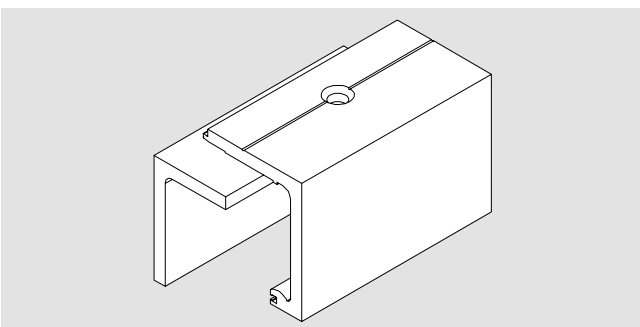
## AGILE 150 – PREPARED PROFILES FOR SYNCRO APPLICATIONS WALL FIXING

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**AGILE 150 angle profile and track profile for wall fixing,**  
prepared for Syncro drilled

**Art. No. 07.355**  
in fixed lengths

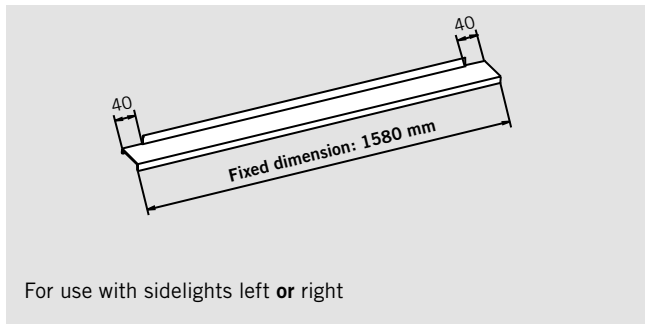


**AGILE 150 angle profile and track profile for wall fixing between 2 walls,**  
prepared for Syncro drilled

**Art. No. 07.354**  
in fixed lengths

## AGILE 150 – PREPARED VIEW PROTECTION PROFILES FOR COMBINATION WITH SIDELIGHT INLAID PROFILE

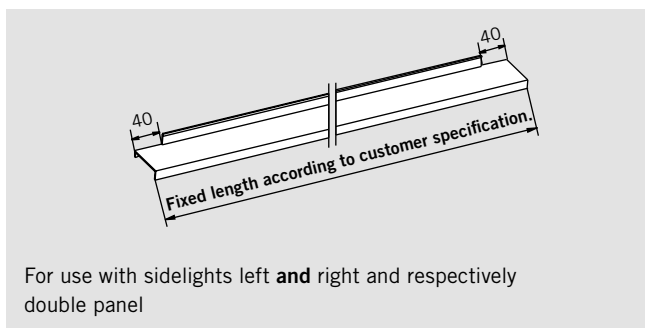
Shown articles need a previous recall of installation instruction and further technical details due to further profile preparations on site.



For use with sidelights left **or** right

**AGILE 150**  
view protection profile for entry area in combination with side-light inlaid profile 07.364/374 each for track 07.360/370

**Art. No. 07.376**  
fixed dimension: 1580 mm

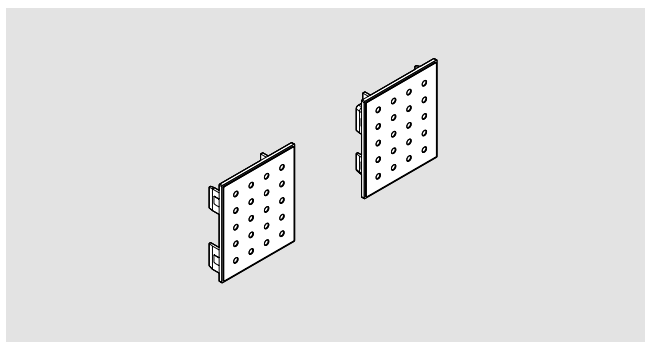


For use with sidelights left **and** right and respectively double panel

**AGILE 150**  
view protection profile for entry area in combination with side-light inlaid profile 07.364/374 each for track 07.360/370

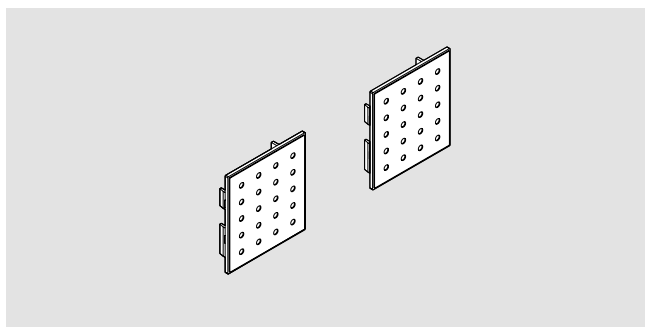
**Art. No. 07.375**  
in fixed length

## AGILE 150 - END CAP



**AGILE 150 end cap**  
**54 mm**  
for ceiling fixed track  
Art. No. 07.340/350

**Art. No. 07.721**  
Weight in kg: 0,012

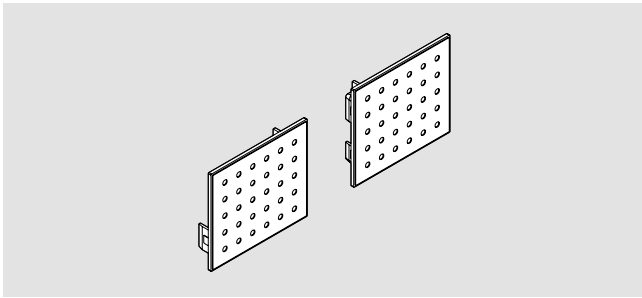


**AGILE 150 end cap**  
**57 mm**  
for wall fixed track  
Art. No. 07.340/350

**Art. No. 07.720**  
Weight in kg: 0,014

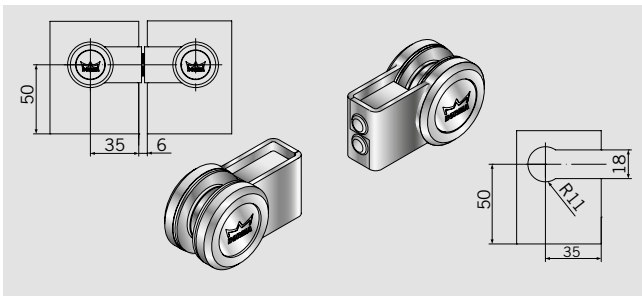


# ACCESSORIES



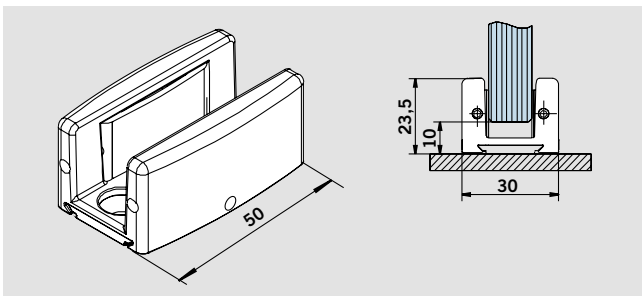
**AGILE 150 end cap**  
**72 mm**  
 for track with sidelight installation Art. No. 07.360/370

**Art. No. 07.722**  
 Weight in kg: 0.014



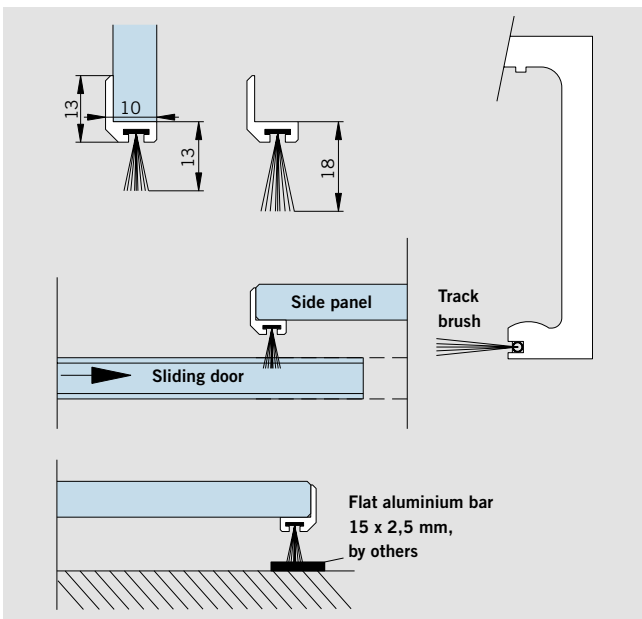
**Spacer**  
 for sliding doors that move in opposite directions

**Art. No. 29.420**



**AGILE floor guide,**  
 adjustable for  
 8, 10, 12 and 13.5 mm glass  
 thicknesses

**Art. No. 07.316**  
 Weight in kg: 0.094



**Brush profile,**  
 for gaps up to 13 mm

**Art. No. 07.400**  
 stock length 3000 mm

**Art. No. 07.401**  
 in fixed length (max. 3000 mm)

**Brush profile,**  
 for gaps up to 18 mm,

**Art. No. 07.402**  
 stock length 3000 mm

**Art. No. 07.403**  
 in fixed length (max. 3000 mm)

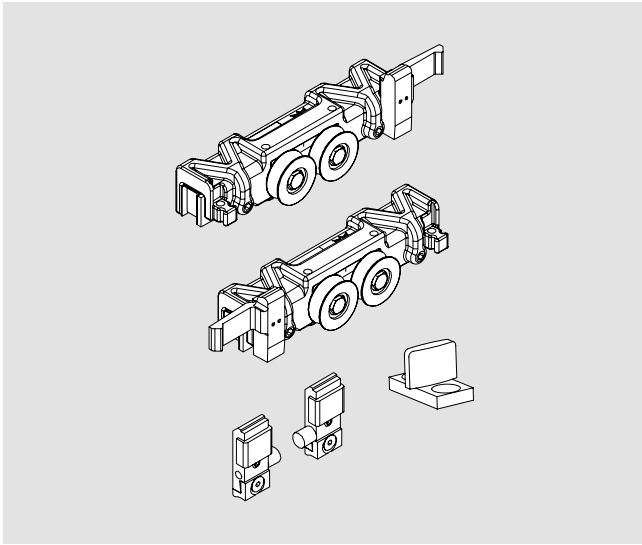
**Track brush**

**Art. No. 07.385**  
 length 1250 mm

For further accessories see page 75–78.

## COMPONENT PARTS FOR TIMBER APPLICATIONS

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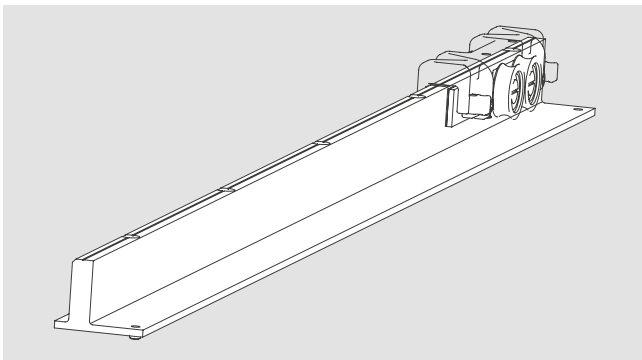


**AGILE 150 accessory set –  
Version 2010**

consisting of:  
2 clamp carriers  
2 endstops with safety catch  
and anti jump device,  
1 floor guide for timber door  
panel

**Art. No. 07.745**

Weight in kg: 1.354



**AGILE 150 adapter profile**  
drilled

**Art. No. 07.367**

stock length 6000 mm

**Art. No. 07.377**

in fixed length



# AGILE 150 DORMOTION

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**General information**

46–47

**Typical assemblies**

48–55

**Fitting modules**

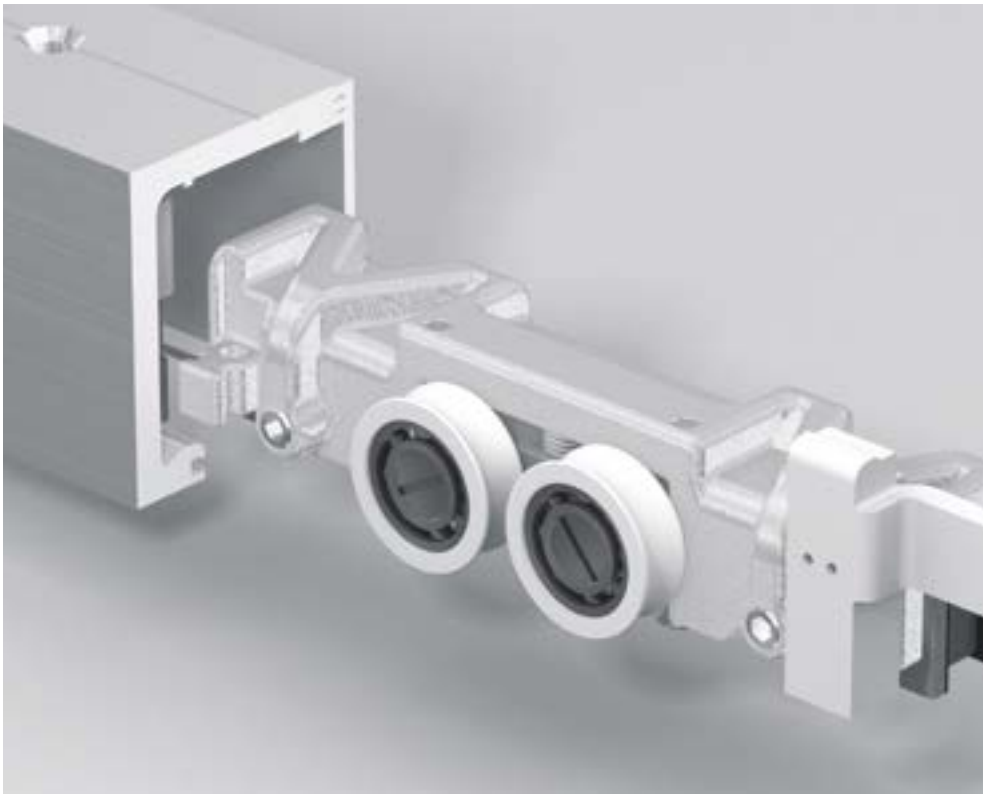
56–62

**Accessories**

62–63 / 79–82

**Glass preparation**

63



# AGILE 150 DORMOTION

## Comfortable cushioning

Whether due to temper, haste or carelessness – every now and then, doors get slammed. Already renowned for its robustness, the AGILE 150 sliding door system now offers added convenience with the DORMOTION cushioning feature. No matter if the door is opened and closed with a little too much gusto, just a few centimetres before the end of its travel path – in both directions – the sliding panel on its roller carrier is gently cushioned and then smoothly drawn spring-aided through to its end position. The technology that makes this possible is cleverly concealed in the system-defining decorative track in the AGILE design with a view-face height of just 63 mm and a mounting depth of 64.5 mm. And the system works whatever the manual force applied to the door. Once the door has been opened or closed, an end stop holds the panel in place – eliminating both

uncontrolled fallback and the problem of incomplete closure. And that means increased safety and even more living comfort.

## Long service life

The outstanding ease of glide makes the system a joy to use. Doors of up to 150 kg and panel widths from 1160 mm, or up to 80 kg and panel widths from 830 mm can be smoothly, quietly and effortlessly operated with this system. Having successfully completed an endurance test of 100,000 operating cycles to EN 1527, the AGILE can rightly claim to satisfy the durability criterion. And you will also find that the AGILE 150 takes corrosion resistance to a new level. So there are no obstacles to its installation and use in humid areas. Due to chemicals (e. g. chlorine) that may occur in the air of swimming pools, saunas and brine baths the fittings are as a rule not suitable for use in

such environments. If you have an application such as this in mind nevertheless, we will be pleased to advise you further.

## Easy installation

The AGILE 150 DORMOTION system is available for single- and double-panel sliding doors and for wall-, direct track / wall and ceiling-fixed configurations as well as for assemblies with glass sidelights. It can also be installed with a glass overpanel. If preferred, a timber sliding panel can be used instead of the glass version. Integrated in the track unit is the trigger for the both-way cushioning / spring mechanism responsible for the special DORMOTION action. Prepared with a simple recess along the top edge of the glass for mounting the DORMOTION unit, the panels are fixed at the roller carrier by means of a clamping arrangement. After the panels have been hung in the track, adjustments can be performed directly at the

carriers to compensate for structural and installation tolerances of +/- 5 mm. Once the installation work has been completed, the end positions in the door in the opening and closing directions are defined, as is the location of the anti-lift device. All these settings can be changed at any time.

## Design options aplenty

The aluminium alloy track unit is available in a range of finishes. Anodised or powder-coated, it can be readily matched to a specific wall or ceiling colour. The thickness of the glass can be freely selected in the range from 8 mm to 13.5 mm to create a nigh-on perfect semi-customised system.

## Technical features

- Applications: Interior doors in private and public environments
- For single or double doors
- For ceiling, wall or direct track / wall installation, with glass sidelights possible
- Clamp carriers, DORMOTION, anti-jump device and adjustable endstops are hidden by the sliding track profile
- Vertically adjustable starter unit
- For doors up to 80 kg (DORMOTION Set Type L)
- For doors up to 150 kg (DORMOTION Set Type XL)
- Roller and glass clamp as one complete unit
- For 8 – 13.5 mm glass thickness (infinitely adjustable)
  - Min. door panel width 830 mm (DORMOTION Set Type L)
  - Min. door panel width 1160 mm (DORMOTION Set Type XL)
- Smooth running and long lasting plastic type rollers with ball bearings (corresponding EN 1527, 100,000 cycles)
- Applicable in humid rooms (not for sauna, baths or brine bath applications)
- TÜV-test/third-party verification with respect to quality and the production process with confirmed 100,000 operating cycles for DORMOTION Set type L, 50,000 operating cycles for DORMOTION Set Type XL



## NEW: SECURE RETENTION EVEN WITH LAMINATED SAFETY GLASS WITHOUT ADDITIONAL GLASS DRILLING / MACHINING

### More reliability plus enhanced creative scope

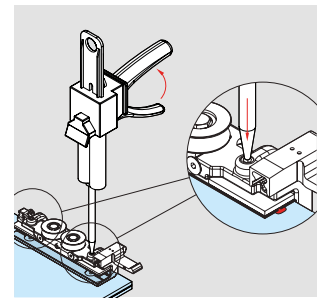
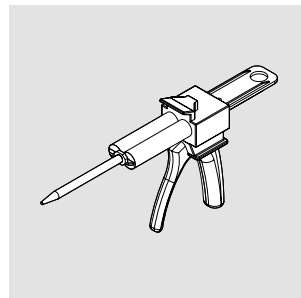
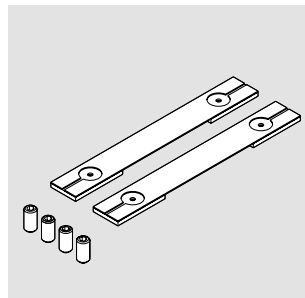
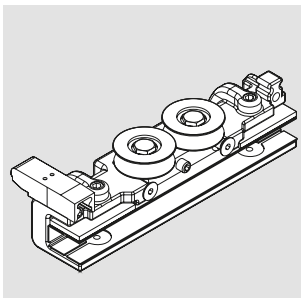
Laminated safety glass is becoming increasingly popular as the preferred panel material in all-glass sliding doors and partitions. Naturally, the additional safety that this offers in the event of glass breakage is an important factor in this development. However, the plastics film used in the sandwich can also bring extended design possibilities (e.g. provision of color or a photo print), as well as additional functionality such as sound-proofing. However, there are also limitations when using LSG.

Because of the presence of the plastics film in the laminated, multi-layer structure, for example, the level of clamping force that can be applied to the panel is somewhat lower than in the case of monolithic glass. Blisters can also form in the area of the clamp. Moreover, due to temperature fluctuations, aging or other influences, the film may undergo shrinkage, thus reducing the retaining force of the clamp fittings. Especially in the case of sliding doors with their dynamic pull-out stresses, the retaining/clamping force applied is particularly important.

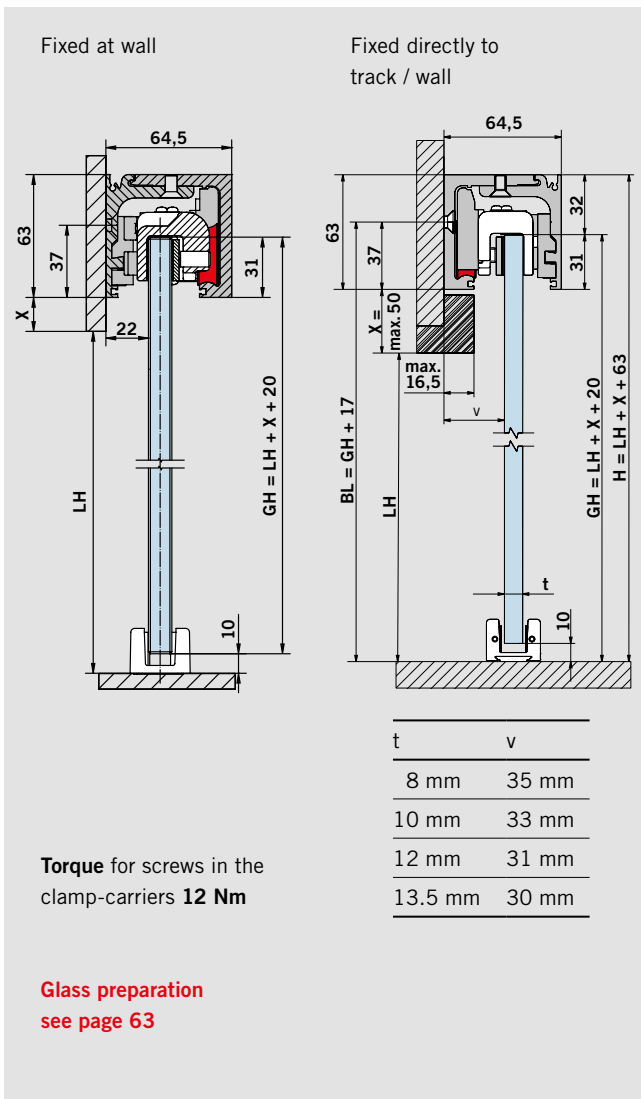
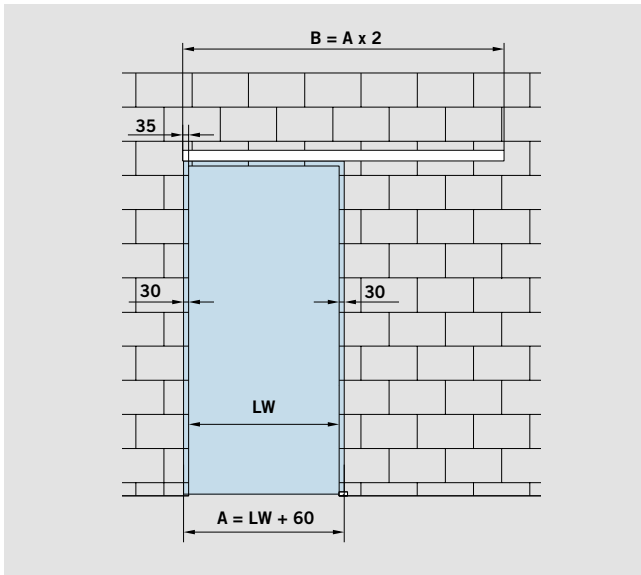
### Less work – huge effect

With the new, easy-to-install specialty accessories package for the AGILE 150 range of architectural hardware, the risks associated with LSG are eliminated at a stroke. Once the clamp-type carrier has been attached to the glass panel, a special adhesive is applied to the innovative clamping screws and this then spreads over the glass via a special slot in the clamping plates. Despite the special characteristics of LSG, the ensuing combination of substantially reduced clamping force and additional adhesive

bonding ensures that the glass panel is securely held on a much more permanent basis. The only slightly modified clamp-type carriers, destined to become part of the standard scope of supply as from April 2013, can also be used without problem in combination with the track elements employed for toughened safety glass systems, with all the successfully implemented adjustment features, such as in situ height alignment, remaining fully available.



# TYPICAL ASSEMBLIES FIXED AT WALL OR DIRECTLY AT TRACK/WALL



### Features and Data

#### AGILE 150 DORMOTION

For installations with one or two door panels; fixed at wall or directly at track / wall; for 8–13.5 mm glass thicknesses (continuous) LSG (10 – 13,5 mm) see page 57

#### Max. weight of door panels

80 kg for DORMOTION Set Type L  
150 kg for DORMOTION Set Type XL

#### Calculation of glass height

$GH = LH + X + 20 \text{ mm}$   
(see drawing)

#### Calculation of glass width

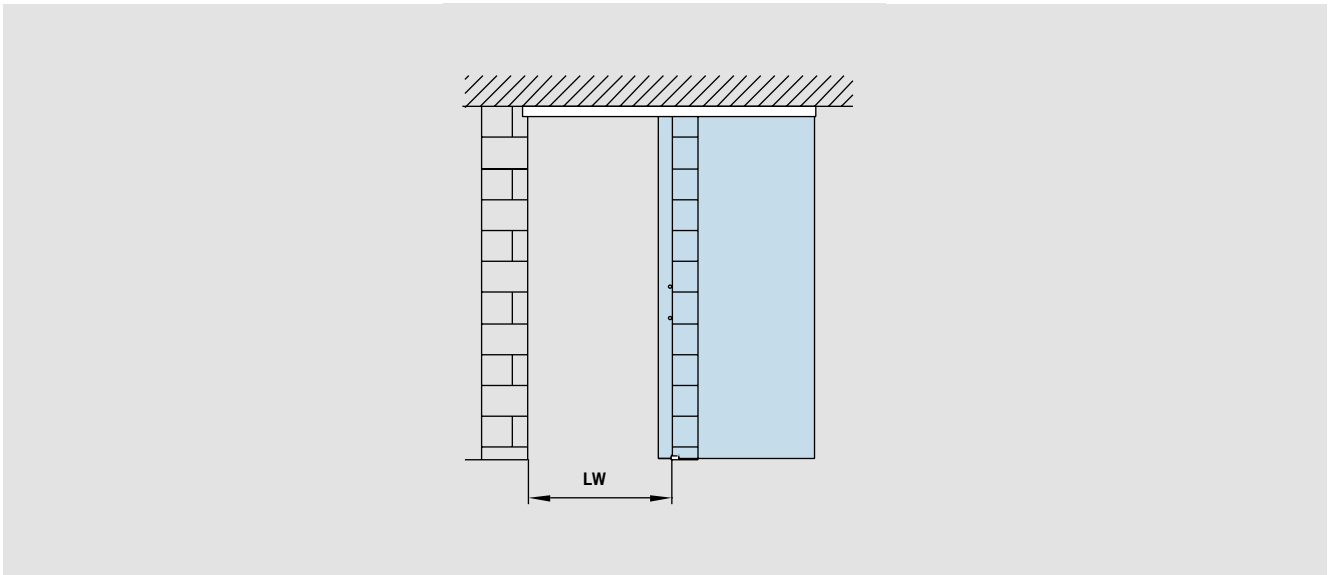
$A = LW + 60 \text{ mm}$   
(min. 830 mm for DORMOTION Set Type L, min. 1160 mm for DORMOTION Set Type XL)

- A = Glass width
- B = Length of track
- GH = Glass height
- H = All over height
- LH = Clear opening height
- LW = Clear opening width
- t = Glass thickness (8–13.5 mm)
- v = Distance wall to glass
- BL = Drilling line

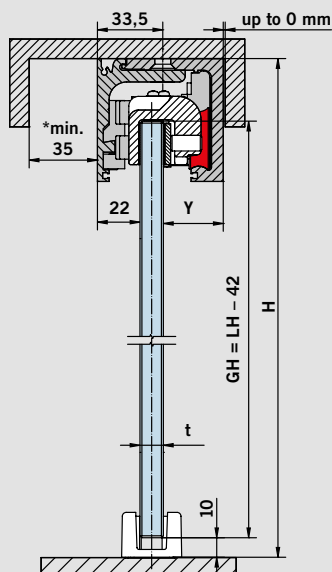
In case of using an adapter profile a timber sliding panel is possible (see on page 42).



# TYPICAL ASSEMBLIES FIXED AT CEILING



Fixed at ceiling



\* up to 0 mm, if the assembly can be loaded from the side

**Torque** for screws in the clamp-carriers **12 Nm**

**Glass preparation**  
see page 63

## Features and Data

### AGILE 150 DORMOTION

For installations with one or two door panels; fixed at ceiling; for 8–13.5 mm glass thicknesses (continuous) LSG (10 – 13,5 mm) see page 57

### Max. weight of door panels

80 kg for DORMOTION Set Type L  
150 kg for DORMOTION Set Type XL

### Calculation of glass height

$GH = H - 42 \text{ mm}$   
(see drawing)

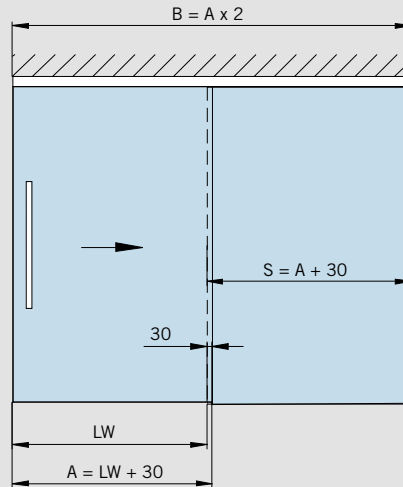
### Calculation of glass width

$A = LW + 60 \text{ mm}$   
(min. 830 mm for DORMOTION Set Type L, min. 1160 mm for DORMOTION Set Type XL)

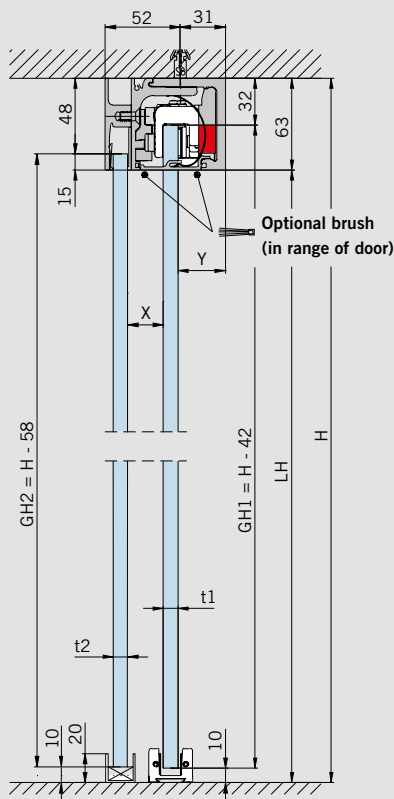
- A = Glass width
- B = Length of track
- GH = Glass height
- H = All over height
- LH = Clear opening height
- LW = Clear opening width
- t = Glass thickness (8–13.5 mm)
- Y =  $64.5 \text{ mm} - (22 \text{ mm} + t)$

In case of using an adapter profile a timber sliding panel is possible (see on page 42).

# TYPICAL ASSEMBLIES WITH SIDELIGHT, ON ONE SIDE



Version with sidelight



**Torque** for screws in the clamp-carriers **12 Nm**

**Glass preparation**  
see page 59

t2	x
8 mm	25 mm
10 mm	24 mm
12 mm	23 mm
13.5 mm	22.5 mm

### Features and Data

#### AGILE 150 DORMOTION

For installations with one door panel with sidelight, on one side,  
for 8–13.5 mm glass thicknesses (continuous)  
LSG (10 – 13,5 mm)  
see page 57

#### Max. weight of door leaves

80 kg for  
DORMOTION Set Type L  
150 kg for  
DORMOTION Set Type XL

### Calculation of glass height

$G1 = H - 42$  mm or  
 $G2 = H - 58$  mm  
(see drawing)

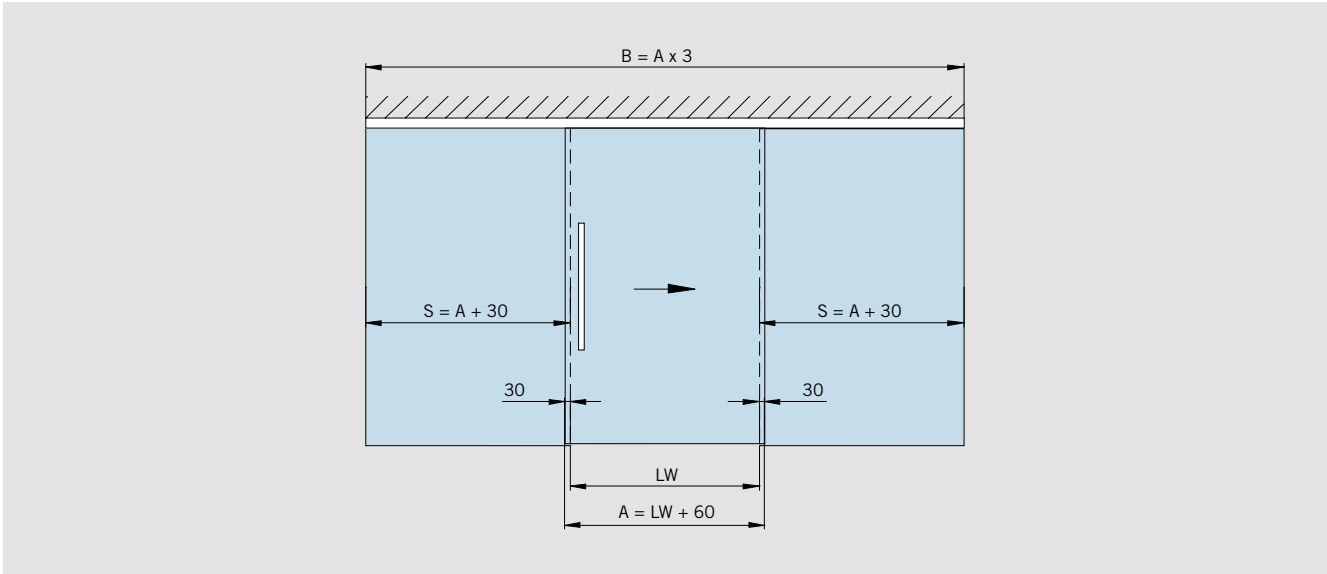
### Calculation of glass width at one sidelight (left/right)

$A = LW + 30$  mm  
(min. 830 mm for DORMOTION Set Type L, min. 1160 mm for DORMOTION Set Type XL)

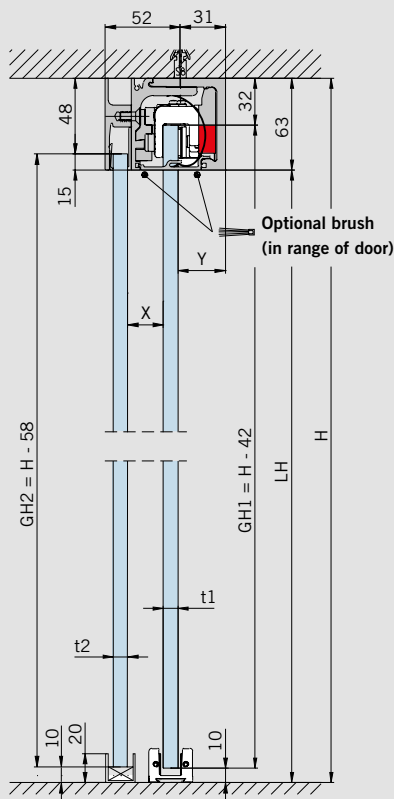
- A = glass width sliding door
- B = length of track
- GH1 = glass height sliding door
- GH2 = glass height sidelight
- H = total height
- LH = clear opening height
- LW = clear opening width
- S = glass width sidelight
- t1 = glass thickness sliding door
- t2 = glass thickness sidelight
- Y = 83 mm – (40 mm + t1)

In case of using an adapter profile a timber sliding panel is possible (see on page 42).

# TYPICAL ASSEMBLIES WITH SIDELIGHTS, ON BOTH SIDES



Version with sidelight



**Torque** for screws in the clamp-carriers **12 Nm**

**Glass preparation**  
see page 59

t2	x
8 mm	25 mm
10 mm	24 mm
12 mm	23 mm
13.5 mm	22.5 mm

## Features and Data

### AGILE 150 DORMOTION

For installations with one door panel with sidelights, on both sides, for 8–13.5 mm glass thicknesses (continuous) LSG (10 – 13,5 mm) see page 57

### Max. weight of door panels

80 kg for DORMOTION Set Type L  
150 kg for DORMOTION Set Type XL

### Calculation of glass height

$G1 = H - 42$  mm or  
 $G2 = H - 58$  mm  
(see drawing)

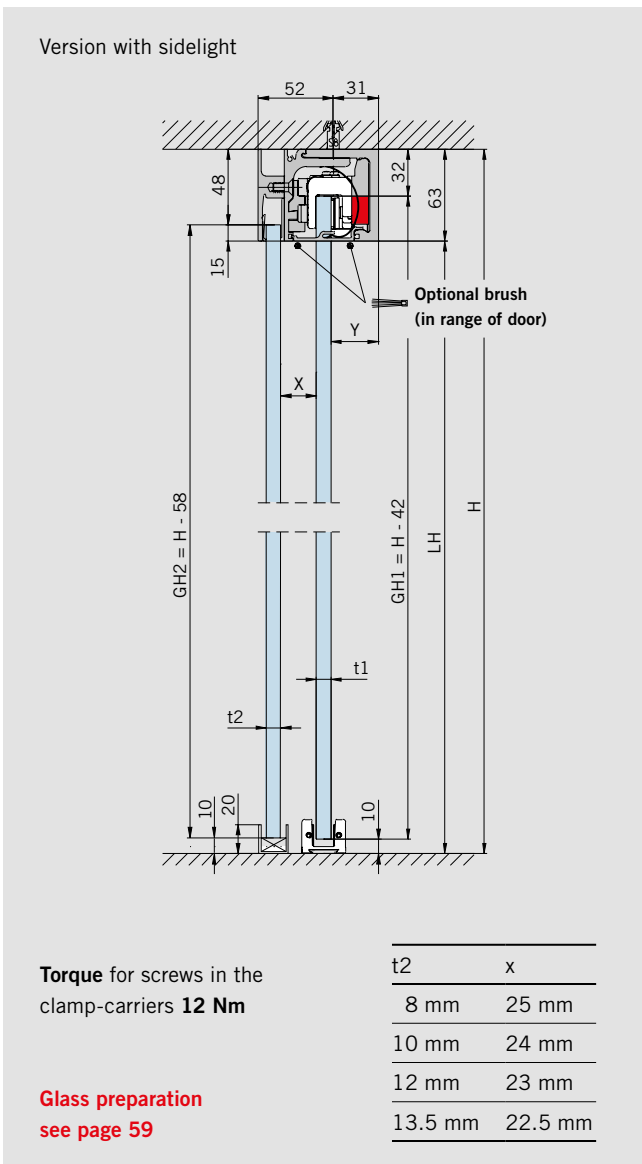
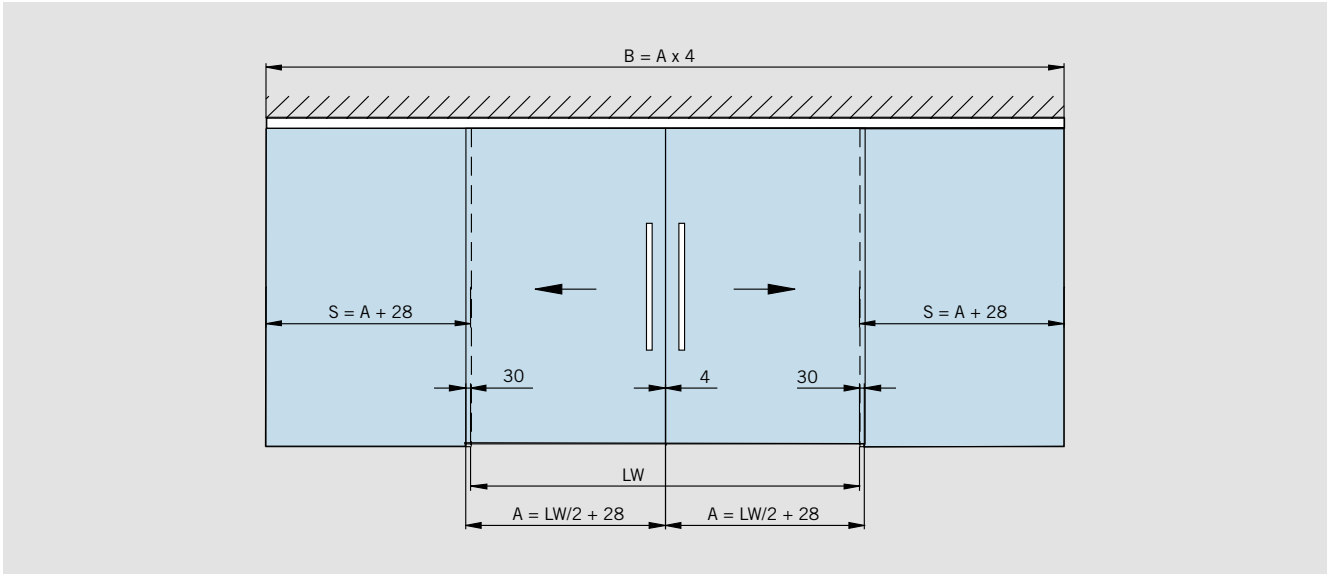
### Calculation of glass width at sidelights left + right

$A = LW + 60$  mm  
(min. 830 mm for DORMOTION Set Type L, min. 1160 mm for DORMOTION Set Type XL)

A = glass width sliding door  
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 = 83 mm – (40 mm + t1)

In case of using an adapter profile a timber sliding panel is possible (see on page 42).

# TYPICAL ASSEMBLIES WITH TWO DOOR PANELS WITH SIDELIGHTS



**Features and Data**

**AGILE 150 DORMOTION**

For installations with two door panels with sidelights, for 8–13.5 mm glass thicknesses (continuous) LSG (10 – 13,5 mm) see page 57

**Max. weight of door panels**

80 kg for DORMOTION Set Type L  
150 kg for DORMOTION Set Type XL

**Calculation of glass height**

G1 = H – 42 mm or  
G2 = H – 58 mm  
(see drawing)

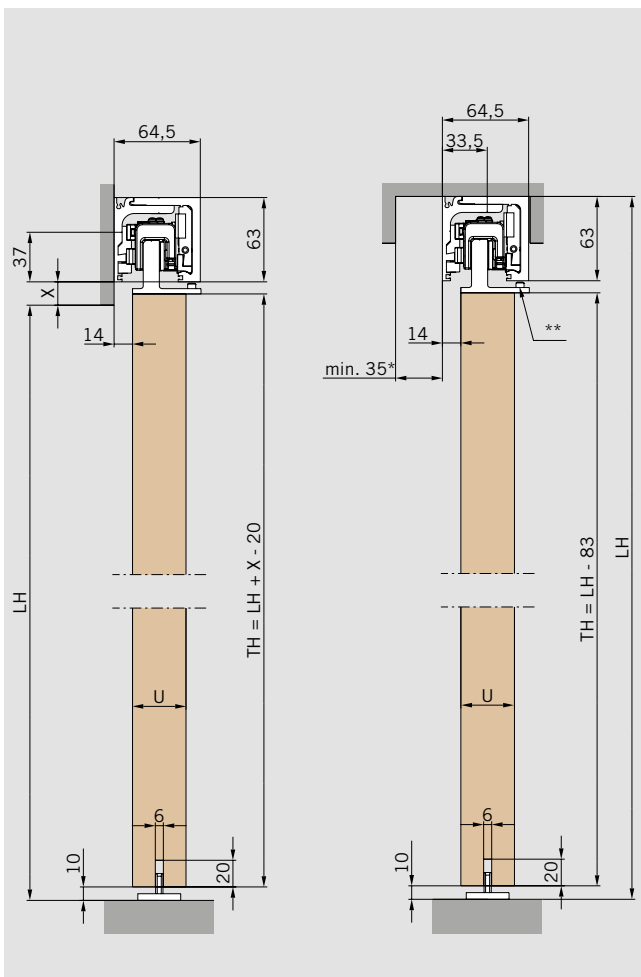
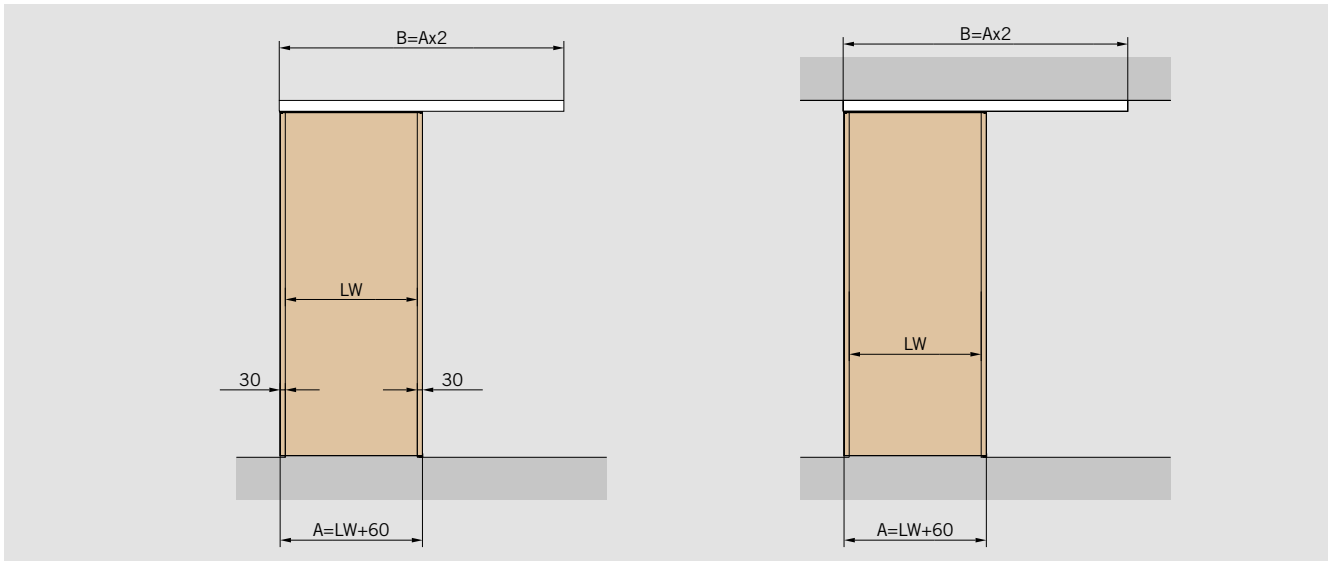
**Calculation of glass width at double panelled doors with sidelights left + right**

A = LW / 2 + 28 mm  
(min. 830 mm for DORMOTION Set Type L, min. 1160 mm for DORMOTION Set Type XL)

- A = glass width sliding door
- 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 = 83 mm – (40 mm + t1)

In case of using an adapter profile a timber sliding panel is possible (see on page 42).

# TYPICAL ASSEMBLIES FOR TIMBER DOORS



### Features and Data

#### AGILE 150 DORMOTION

For installations with timber doors, fixed at wall or ceiling, for 28-40 mm timber elements

#### Max. weight of door panels

80 kg for DORMOTION Set Type L  
150 kg for DORMOTION Set Type XL

#### Calculation of door height

$$TH = LH + X - 20$$

$$TH = LH - 83$$

(see drawing)

#### Calculation of door width

$$A = LW + 60$$

(max. 1410 mm)

A = door width (max. 1410mm)

B = length of track

LW = clear opening width (max. 1350mm)

LH = clear opening height

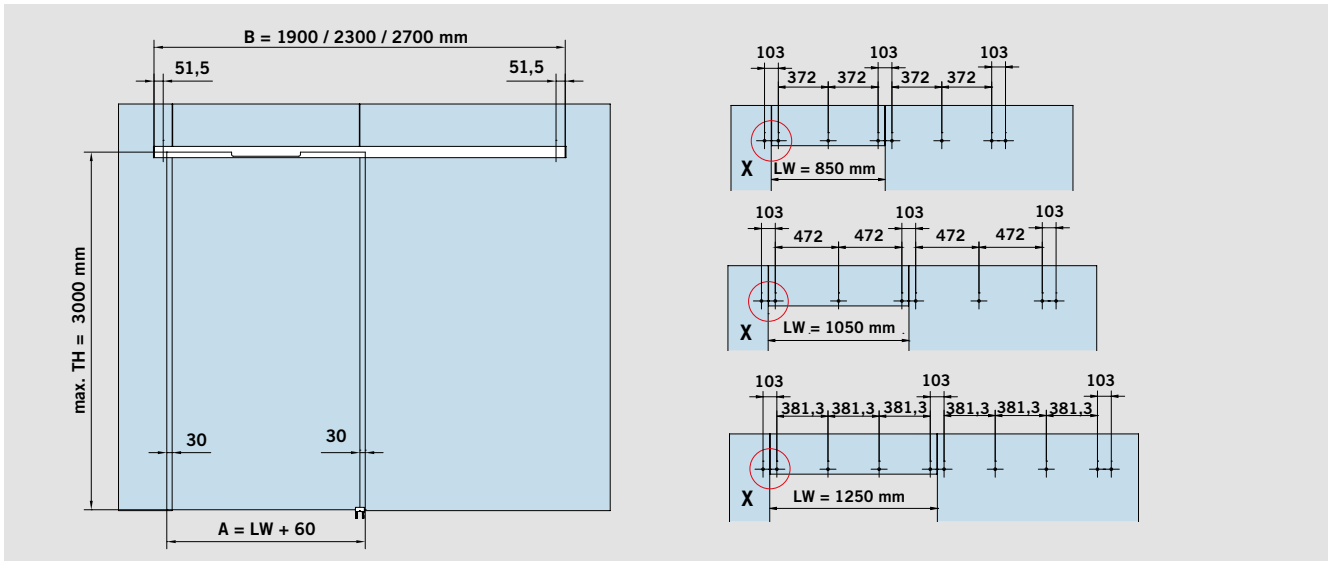
TH = door height

u = timber thickness (25-40mm)

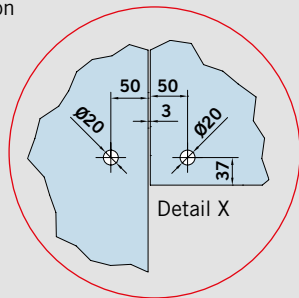
\* up to 0 mm, if the assembly can be loaded from the side

\*\* Screw-in the grub screw as anti-jump device

# COMPACT TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS



Glass preparation



**Features and Data**

**AGILE 150 DORMOTION  
to glass**

For installations with one panel fixed at glass,  
for 8–13.5 mm glass thick-  
nesses (continuous)  
LSG (10 – 13,5 mm)  
see page 57

**Max. weight of door panels**

80 kg for  
DORMOTION Set Type L  
150 kg for  
DORMOTION Set Type XL

**Calculation of glass height**

$TH = H - 42 \text{ mm}$   
(see drawing)

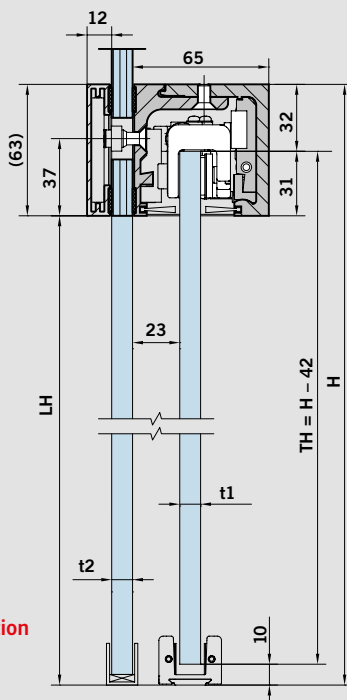
**Calculation of glass width  
at sidelights left + right**

$A = LW + 60 \text{ mm}$   
(min. 910 mm for  
DORMOTION Set Type L,  
min. 1310 mm for  
DORMOTION Set Type XL)

**Torque for screws in the  
clamp-carriers**

12 Nm

Fixed at glass

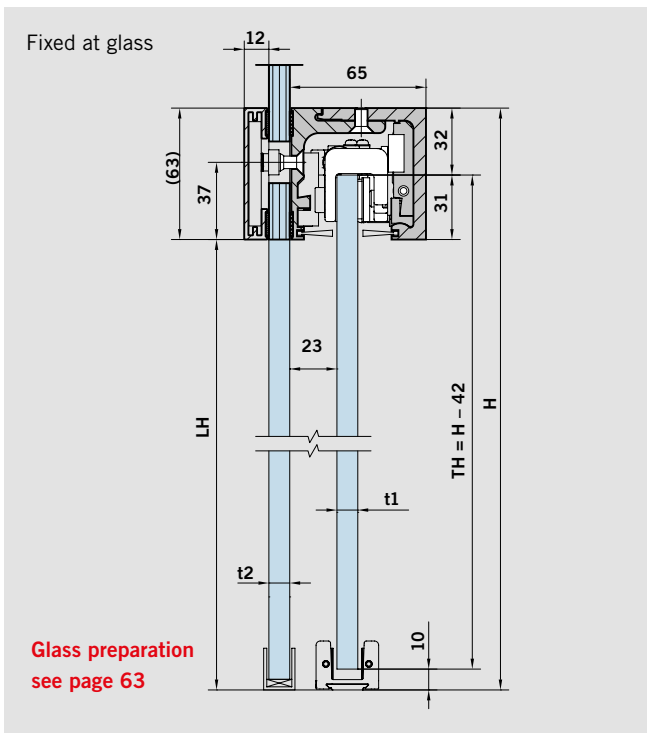
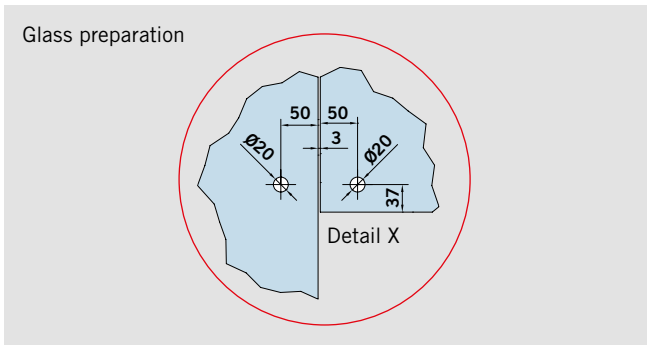
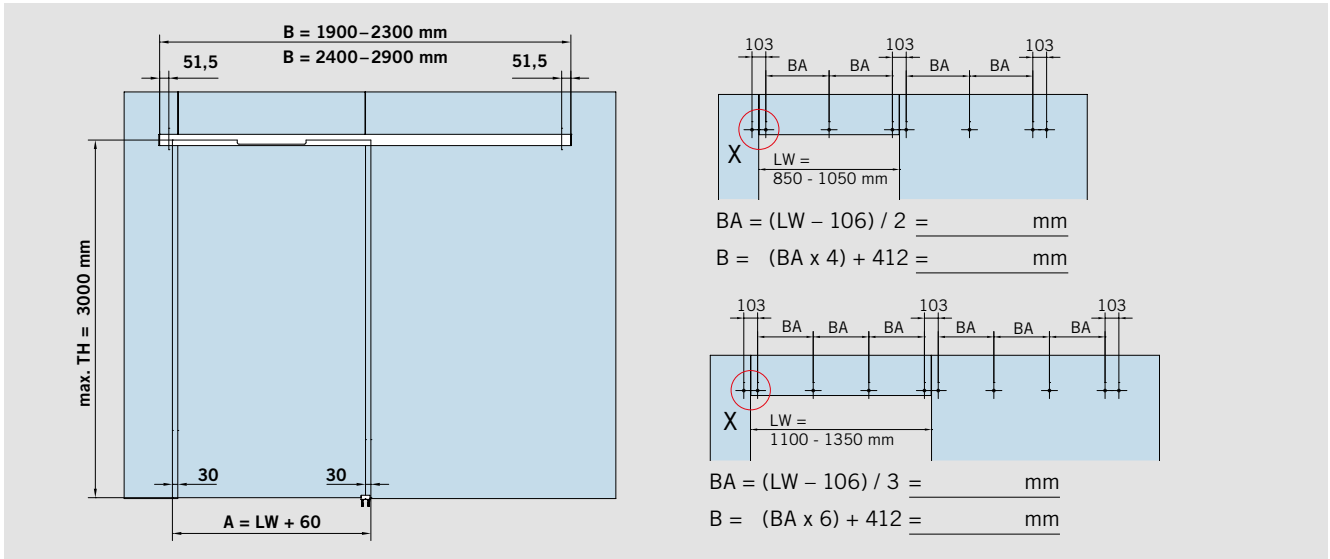


Glass preparation  
see page 63

- A = glass width sliding door
- B = length of track
- H = total height
- LH = clear opening height
- LW = clear opening width
- TH = door height
- t1 = glass thickness sliding door (8–13,5 mm)
- t2 = glass thickness fixed panel (10–19 mm)

In case of using an adapter profile a timber sliding panel is possible (see on page 42).

# CONCEPT TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS



**Features and Data**

**AGILE 150 DORMOTION to glass**

For installations with one panel fixed at glass,  
for 8–13.5 mm glass thicknesses (continuous)  
LSG (10 – 13,5 mm)  
see page 57

**Max. weight of door panels**

80 kg for  
DORMOTION Set Type L  
150 kg for  
DORMOTION Set Type XL

**Calculation of glass height**

TH = H – 42 mm  
(see drawing)

**Calculation of glass width at sidelights left + right**

A = LW + 60 mm  
(min. 910 mm for DORMOTION Set Type L, min. 1310 mm for DORMOTION Set Type XL)

**Torque for screws in the clamp-carriers**

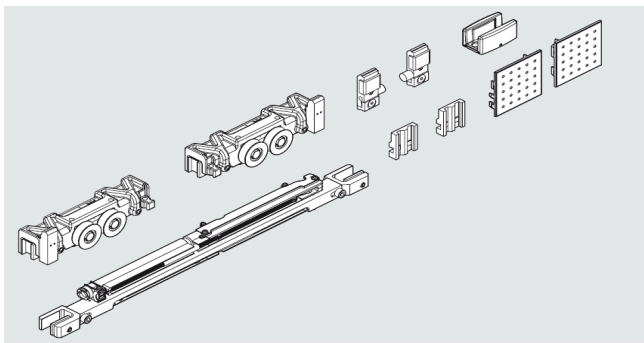
12 Nm

- A = glass width sliding door
- B = length of track
- BA = drilling distance
- H = total height
- LH = clear opening height
- LW = clear opening width
- TH = door height
- t1 = glass thickness sliding door (8–13,5 mm)
- t2 = glass thickness fixed panel (10–19 mm)

In case of using an adapter profile a timber sliding panel is possible (see on page 42).

## ROLLER CARRIER SETS

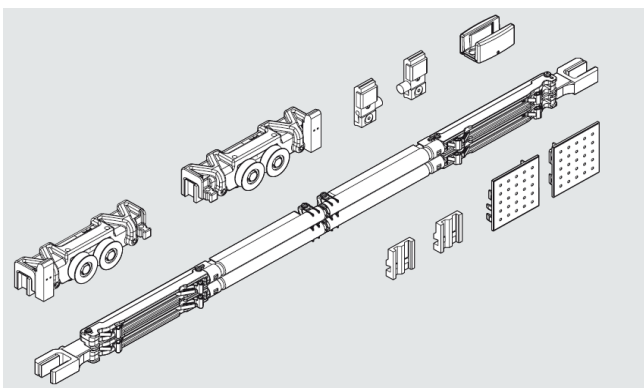
---



**AGILE 150 DORMOTION Set**

**Art. No. 07.582**

**Type L** (up to 80 kg),  
consisting of:  
2 clamp carriers with end stop,  
anti-jump mechanism,  
1 floor guide,  
both-way cushioning/spring  
mechanism (DORMOTION),  
Set Type L + starter,  
2 end caps



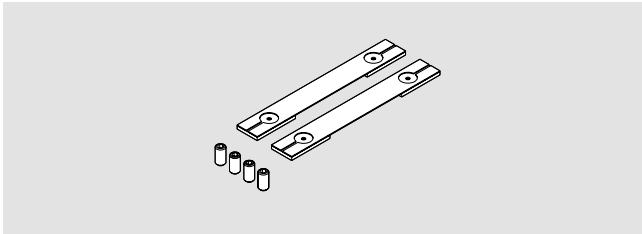
**AGILE 150 DORMOTION Set**

**Art. No. 07.583**

**Type XL** (up to 150 kg),  
consisting of:  
2 clamp carriers with end stop,  
anti-jump mechanism,  
1 floor guide,  
both-way cushioning/spring  
mechanism (DORMOTION)  
Set Type XL + starter,  
2 end caps

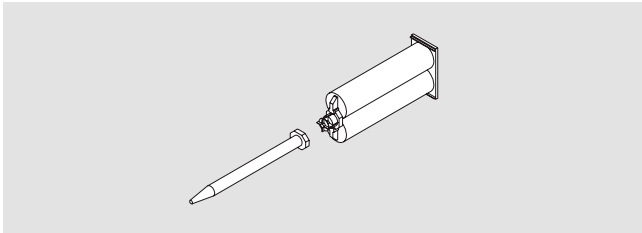


## ADDITIONAL ACCESSORIES FOR LAMINATED SAFETY GLASS (LSG)



**LSG accessory set  
for 1 pair of clamp carriers,**  
consisting of:  
special clamp plates and  
gaskets, special clamp screws

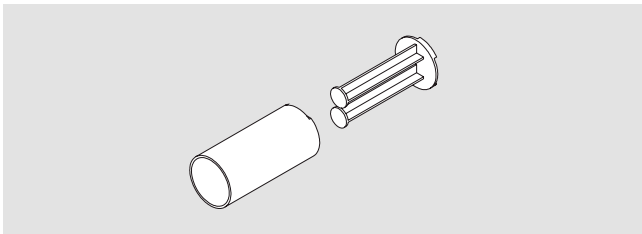
**Art. No. 07.640**



**Special adhesive for use with  
LSG**  
incl. mixing jet

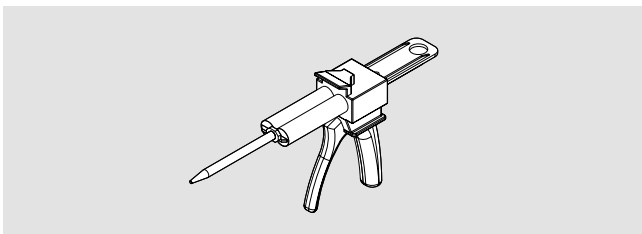
**Art. No. 07.631**

Use in combination with AGILE  
150 laminated safety glass  
accessory set Art.-No. 07.640



**Automix-adaptor for  
AGILE 150 DORMOTION**  
for use with special adhesive  
Art. No 07.627

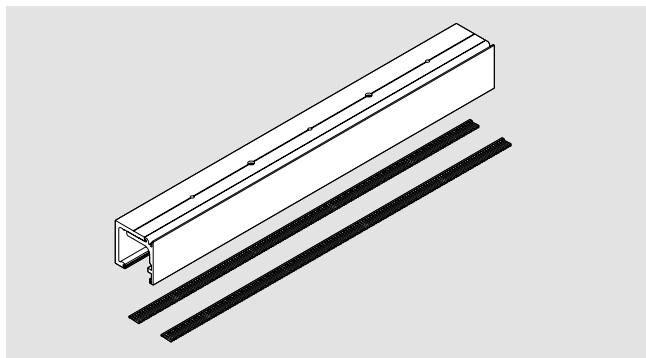
**Art. No. 07.628**



**Automix-pistol for  
AGILE 150 DORMOTION**  
for use with special adhesive  
Art. No 07.627

**Art. No. 07.629**

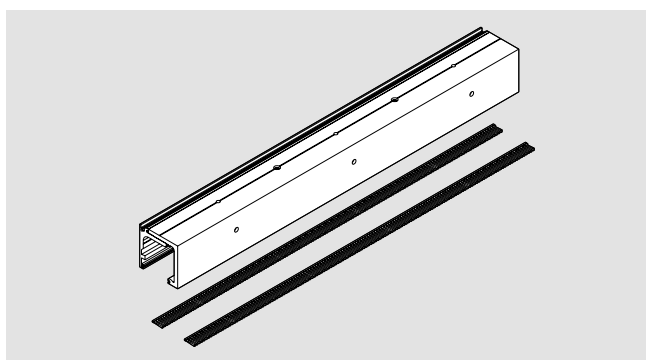
## PROFILE SETS



**AGILE 150 DORMOTION**  
**Profile set for track fixed at ceiling,**

**Art. No. 07.590**

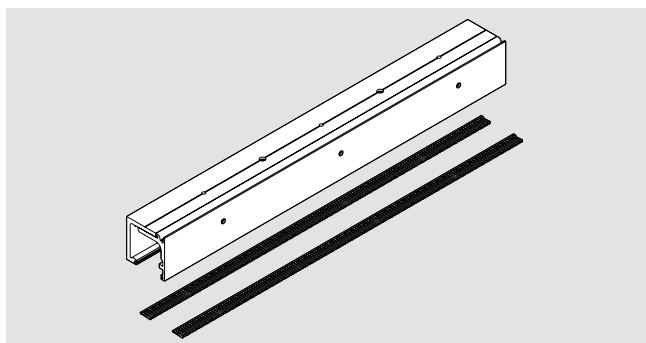
fixed length,  
 consisting of:  
 AGILE 150 DORMOTION  
 track rail for wall and ceiling  
 installation,  
 AGILE 150 DORMOTION angle  
 profile for ceiling installation  
 (min. panel width 830 mm  
 type L, 1160 mm type XL)



**AGILE 150 DORMOTION**  
**Profile set fixed directly at track / wall,**

**Art. No. 07.593**

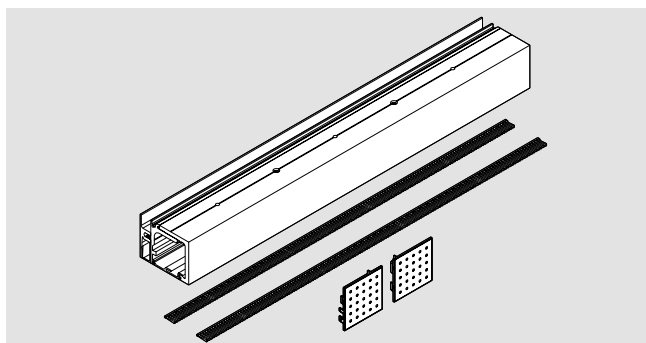
fixed length,  
 consisting of:  
 AGILE 150 DORMOTION  
 track rail for direct track / wall  
 installation,  
 AGILE 150 DORMOTION angle  
 profile for ceiling installation  
 (min. panel width 830 mm  
 type L, 1160 mm type XL)



**AGILE 150 DORMOTION**  
**Profile set for track fixed at wall,**

**Art. No. 07.591**

fixed length,  
 consisting of:  
 AGILE 150 DORMOTION  
 track rail for wall and ceiling  
 installation,  
 AGILE 150 DORMOTION angle  
 profile for wall installation (min.  
 panel width 830 mm type L,  
 1160 mm type XL)

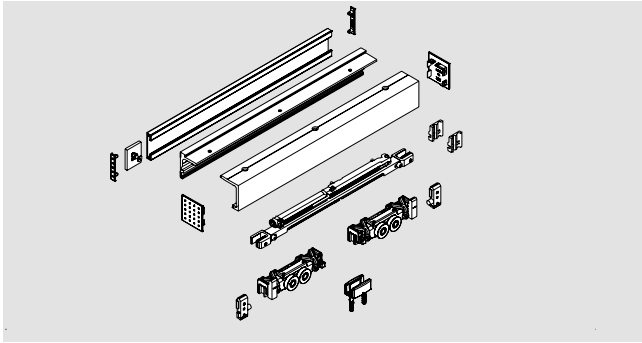


**AGILE 150 DORMOTION**  
 Profile set for track fixed at  
 ceiling, fixed length,

**Art. Nr. 07.592**

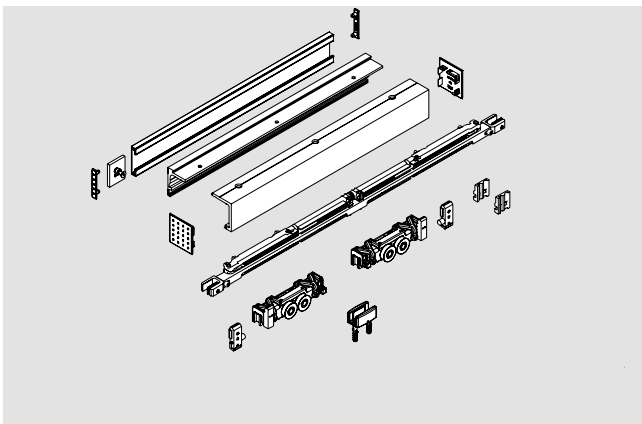
consisting of:  
 AGILE 150 DORMOTION track  
 rail, angle-, sidelight-, view  
 protection- and filling profile  
 (min. panel width 830 mm  
 type L, 1160 mm type XL)

## COMPACT SLIDING DOOR SETS FIXED AT GLASS FOR SELECTED CLEAR OPENING WIDTH



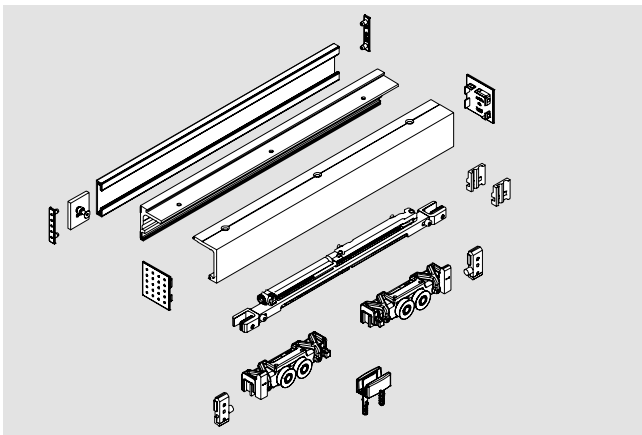
**AGILE 150 DORMOTION sliding door set**  
 fixed at overpanel,  
 complete consisting of:  
 AGILE 150 DORMOTION track,  
 counter profile incl. fixing  
 plates,  
 AGILE 150 DORMOTION Set  
 Type L,  
 end caps,  
 view protection brushes

Clear opening width	850	1050
Track	1900	2300
<b>Art. No.</b>	<b>07.700</b>	<b>07.701</b>



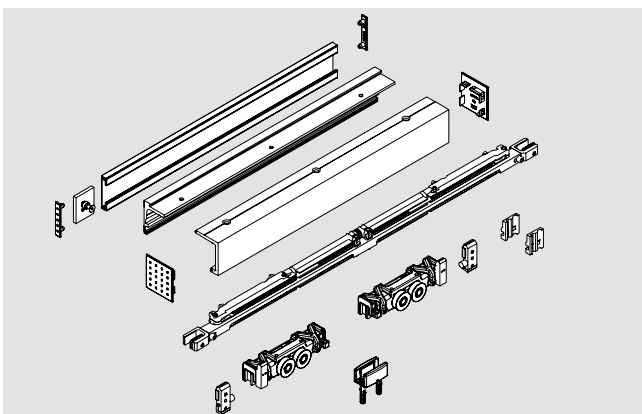
**AGILE 150 DORMOTION sliding door set**  
 fixed at overpanel,  
 for selected clear opening width  
 1250 mm,  
 complete consisting of:  
 AGILE 150 DORMOTION track  
 (2700 mm),  
 counter profile (2700 mm),  
 incl. fixing plates,  
 AGILE 150 DORMOTION Set  
 Type XL,  
 end caps,  
 view protection brushes

**Art. No. 07.702**



**AGILE 150 DORMOTION sliding door set**  
 fixed at glass  
 complete consisting of:  
 AGILE 150 track,  
 counter profile  
 incl. fixing plates,  
 AGILE 150 accessory set,  
 end caps,  
 view protection brushes

**Art. No. 07.706**  
 Clear opening width  
 850–1050 mm  
 track 1900–2300 mm

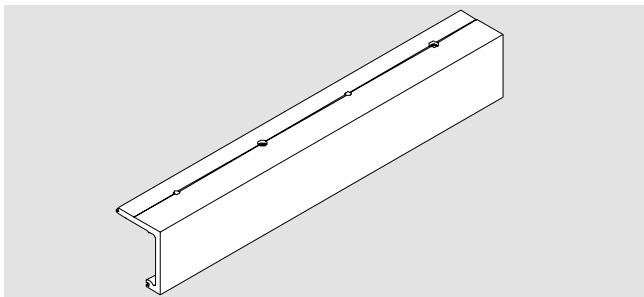


**AGILE 150 DORMOTION sliding door set**  
 fixed at glass  
 complete consisting of:  
 AGILE 150 track,  
 counter profile  
 incl. fixing plates,  
 AGILE 150 accessory set,  
 end caps,  
 view protection brushes

**Art. No. 07.707**  
 Clear opening width  
 1100–1350 mm  
 track 2400–2900 mm

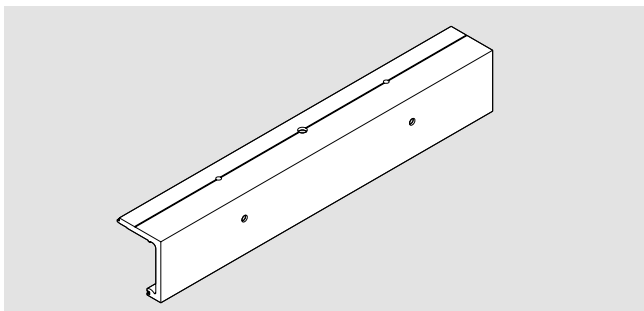
## SINGLE PROFILES

---



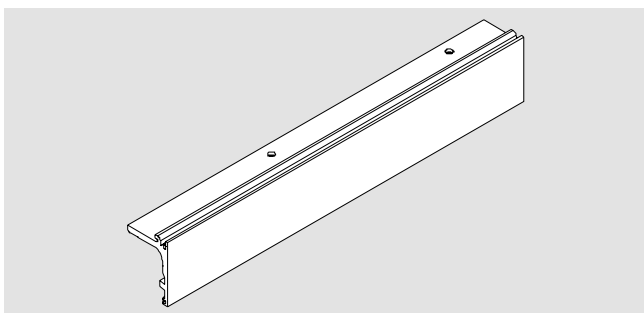
**AGILE 150 DORMOTION**  
track rail for wall and ceiling  
installation

**Art. No. 07.560**  
stock length 6000 mm



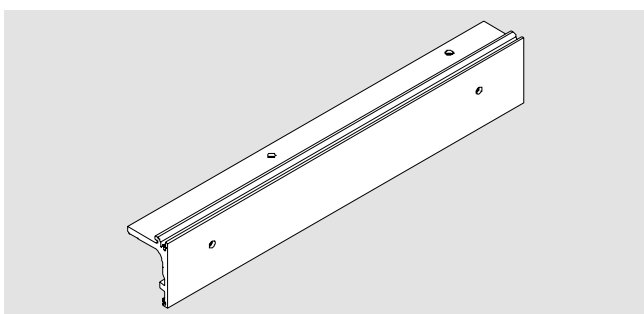
**AGILE 150 DORMOTION**  
track rail for direct track fixing  
to wall  
in combination with 07.561  
**Art. No. 07.566**

stock length 6000 mm



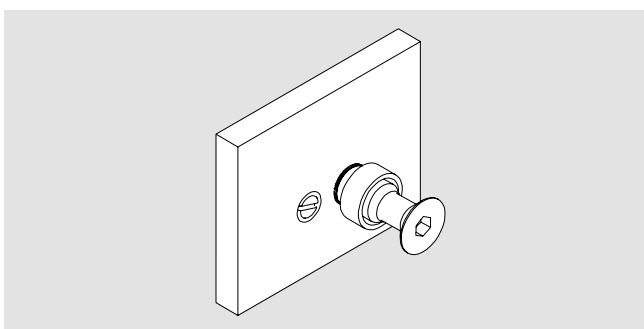
**AGILE 150 DORMOTION**  
angle profile  
for ceiling installation /  
direct track fixing to wall  
in connection with  
Art. Nr. 07.560/566

**Art. No. 07.561**  
stock length 6000 mm



**AGILE 150 DORMOTION**  
angle profile for wall installation

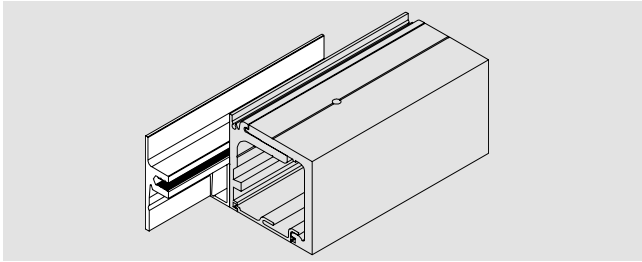
**Art. No. 07.562**  
stock length 6000 mm



**AGILE 150 DORMOTION**  
fixing plates  
fixed at glass  
(bag with 2 pcs.),  
incl. connecting screws

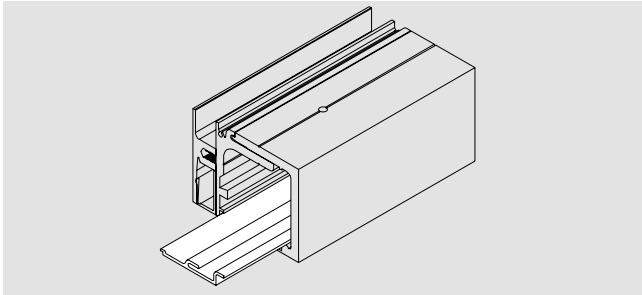
**Art. No. 07.282**

## COMPONENT PARTS AGILE 150 AT GLASS



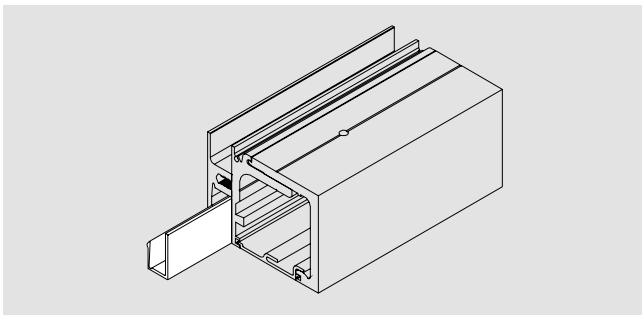
**AGILE 150 DORMOTION  
sidelight profile**  
only in connection with 07.562

**Art. No. 07.563**  
stock length 6000 mm



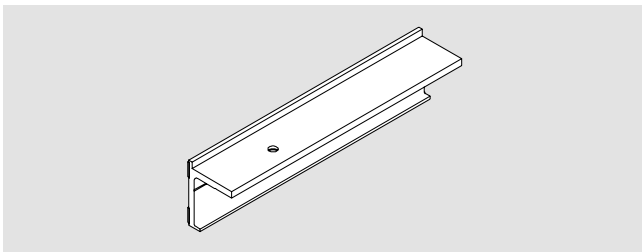
**AGILE 150 DORMOTION  
view protection profile for  
versions with sidelights**

**Art. No. 07.564**  
stock length 6000 mm



**AGILE 150 DORMOTION  
filling profile for sidelight profile  
07.563**

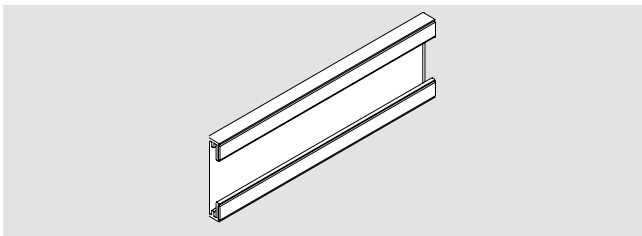
**Art. No. 07.565**  
stock length 6000 mm



**AGILE 150 DORMOTION  
Glass connection profile  
fixed at glass**

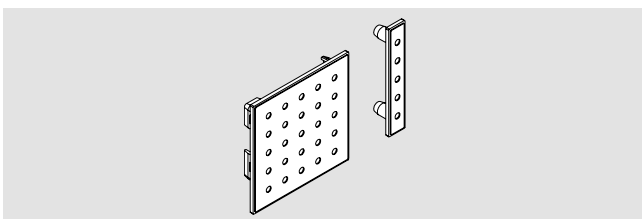
**Art. No. 07.712**  
stock length 6000 mm

**Note:** The profile has to be adapted with drillings for fixing to glass individually on site.



**AGILE 150 DORMOTION  
counter profile  
fixed at glass**

**Art. No. 07.710**  
stock length 6000 mm

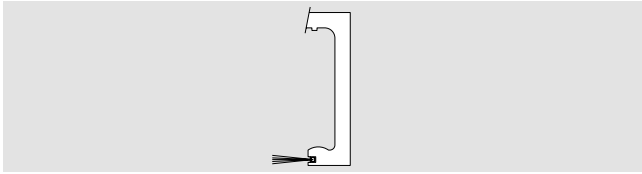


**AGILE 150 DORMOTION  
set end caps**  
fixed at glass  
(track + counter profile  
each left / right)

**Art. No. 07.731**

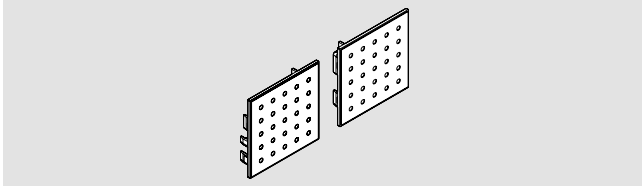
## ACCESSORIES

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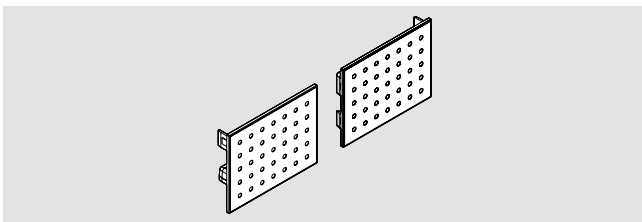
**Track brush**

**Art. No. 07.385**  
length 1250 mm



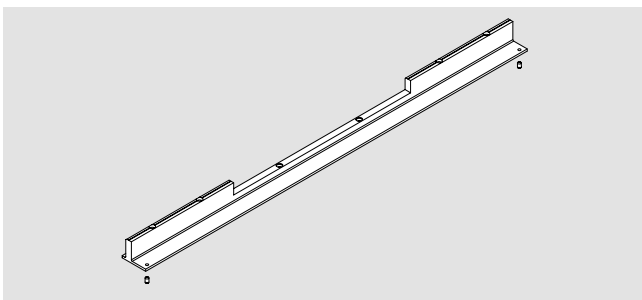
**Set end caps  
for AGILE DORMOTION**  
for wall and ceiling installation

**Art. No. 07.724**



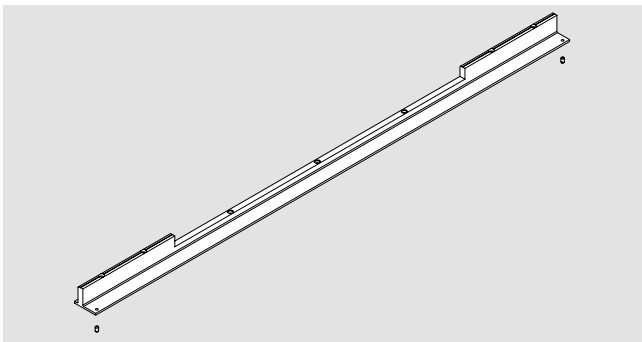
**Set end caps  
for AGILE DORMOTION**  
for versions with sidelights

**Art. No. 07.726**



**AGILE 150 adapter profile**  
in connection with  
DORMOTION Set L

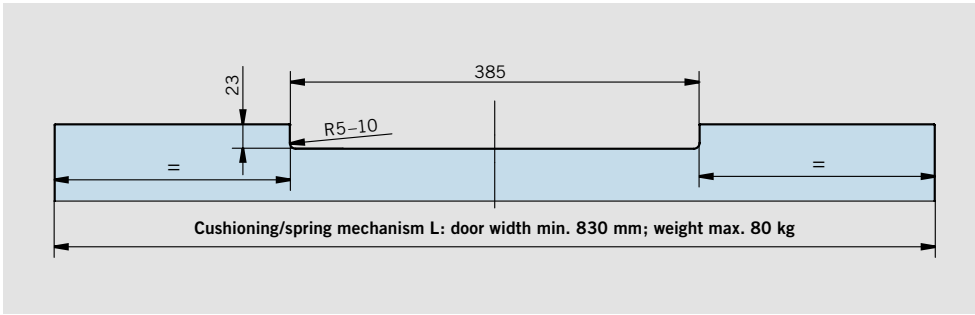
**Art. No. 07.378**  
in fixed lengths



**AGILE 150 adapter profile**  
in connection with  
DORMOTION Set XL

**Art. No. 07.379**  
in fixed lengths

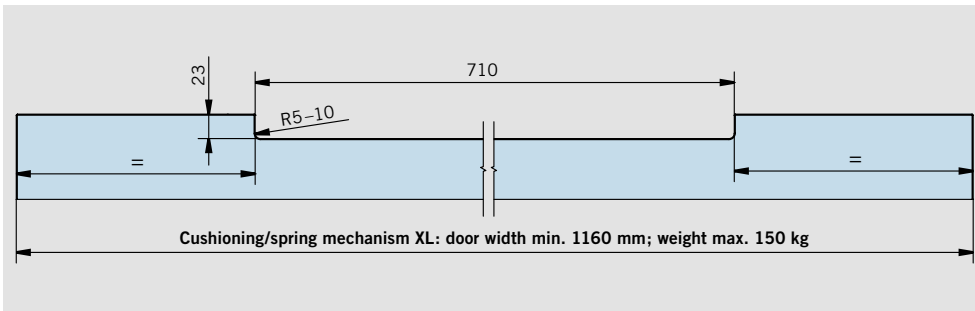
# GLASS PREPARATION



## AGILE 150 DORMOTION

### Set Type L

(up to 80 kg)



## AGILE 150 DORMOTION

### Set Type XL

(up to 150 kg)

# RSP 80

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**General information**

66

**Set components**

67–69

**Glass preparation**

67

**Timber preparation**

69

**Accessories**

79–82





# A SAFE CONNECTION



### Minimal gap dimensions

Design specifications automatically ensure very small gap dimensions between glass and wall.

### Sophisticated track roller assembly – secure hold

The RSP 80 is able to satisfy a wide range of customer requirements up to the highest level: its two visible and maintenance-free roller carriers are rated to support glass panels of up to 80 kg in weight. A total of 4 glass drillholes with diameters of 26 mm serve to locate the glass fixings.

The proven track roller engineering ensures particularly smooth and quiet operation. In terms of running ease, the RSP 80 satisfies the criteria of Class 3 according to EN 1527 – that means that a maximum of 30N of the door mass has to be overcome as initial friction in order to set the door in motion.

### Exact stopping

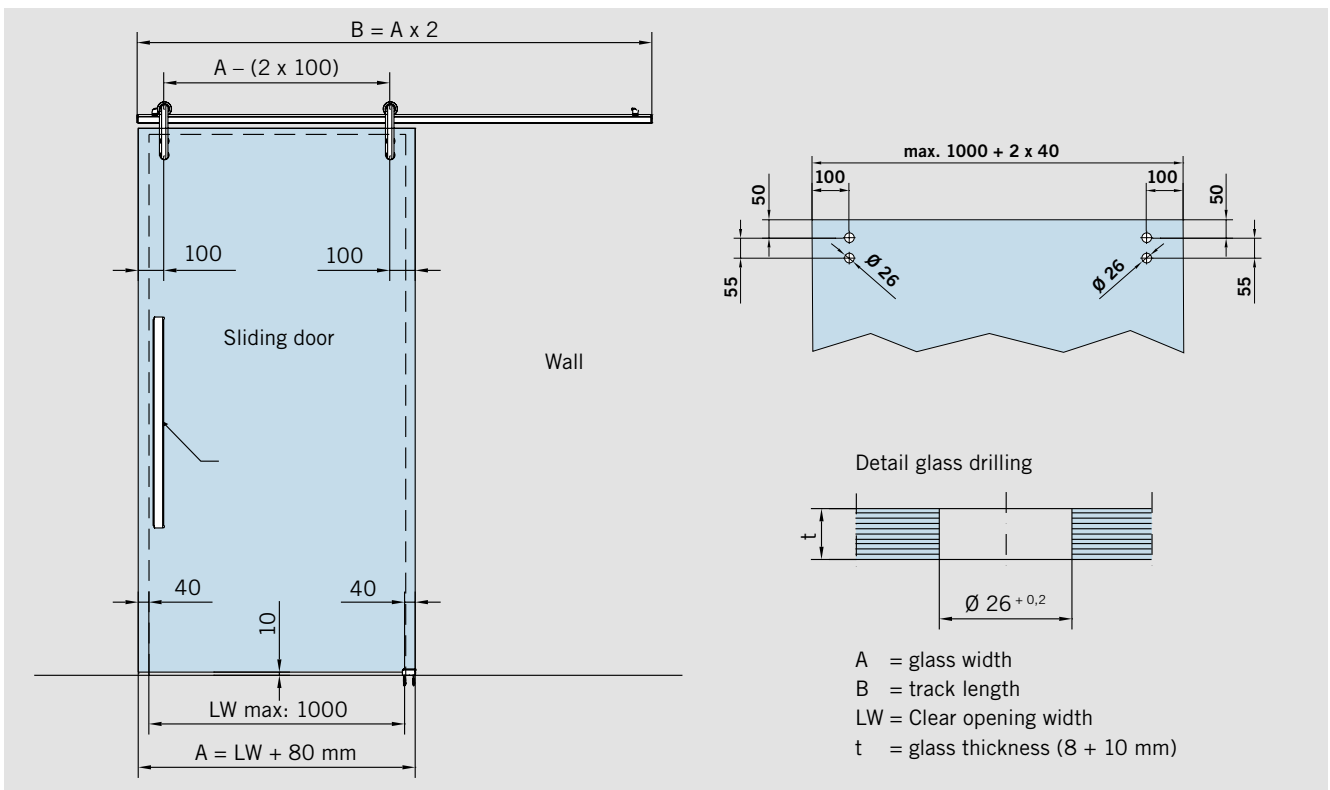
The exact endposition of the door both in the opening and the closing direction is variable thanks to the selectable position of the end stops.

### Elegant floor guidance

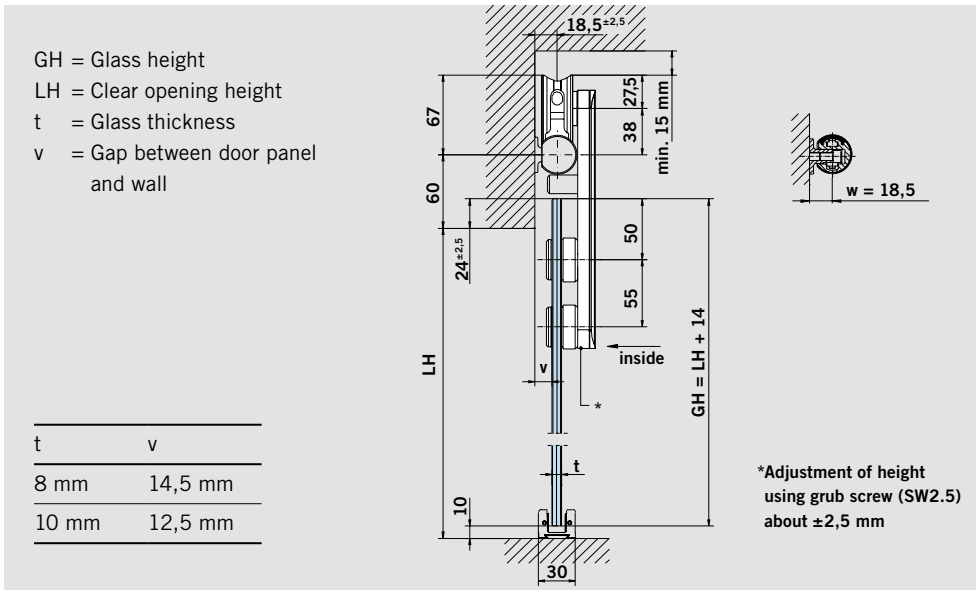
The AGILE floor track offers an impressive combination of effective functionality and attractive design. Its two-part construction means it is very easy to install, and its infinite adjustability between 8 and 13.5 mm ensures safe and secure guidance of the glass panels.

### Impressive durability

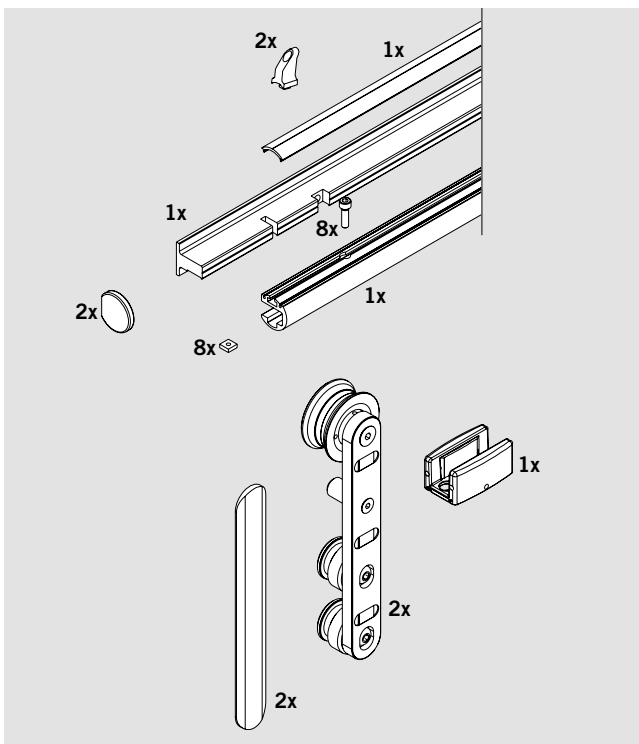
Very long service lifetimes have been proven in protracted tests consisting of over 50,000 motion cycles (to EN 1527). And the RSP 80 range also offers the highest level of corrosion resistance, making these fittings more than suitable for employment in humid rooms (not for sauna, baths or brine bath applications).



# GLASS APPLICATIONS



# SET AND COMPONENTS FOR GLASS APPLICATIONS



**Set**

**RSP 80 sliding door set for 10 mm glass** consisting of track profil (2000 mm) for max. panel width 1080 mm, roller, stopper and floor guide, material: aluminium EV1-Deco

**Art. No. 30.700**  
 Weight in kg 5.6

**Components**

**Roller carrier, stop and floor guide**

**Art No. 30.701**

**RSP 80 track profile for mounting to wall**

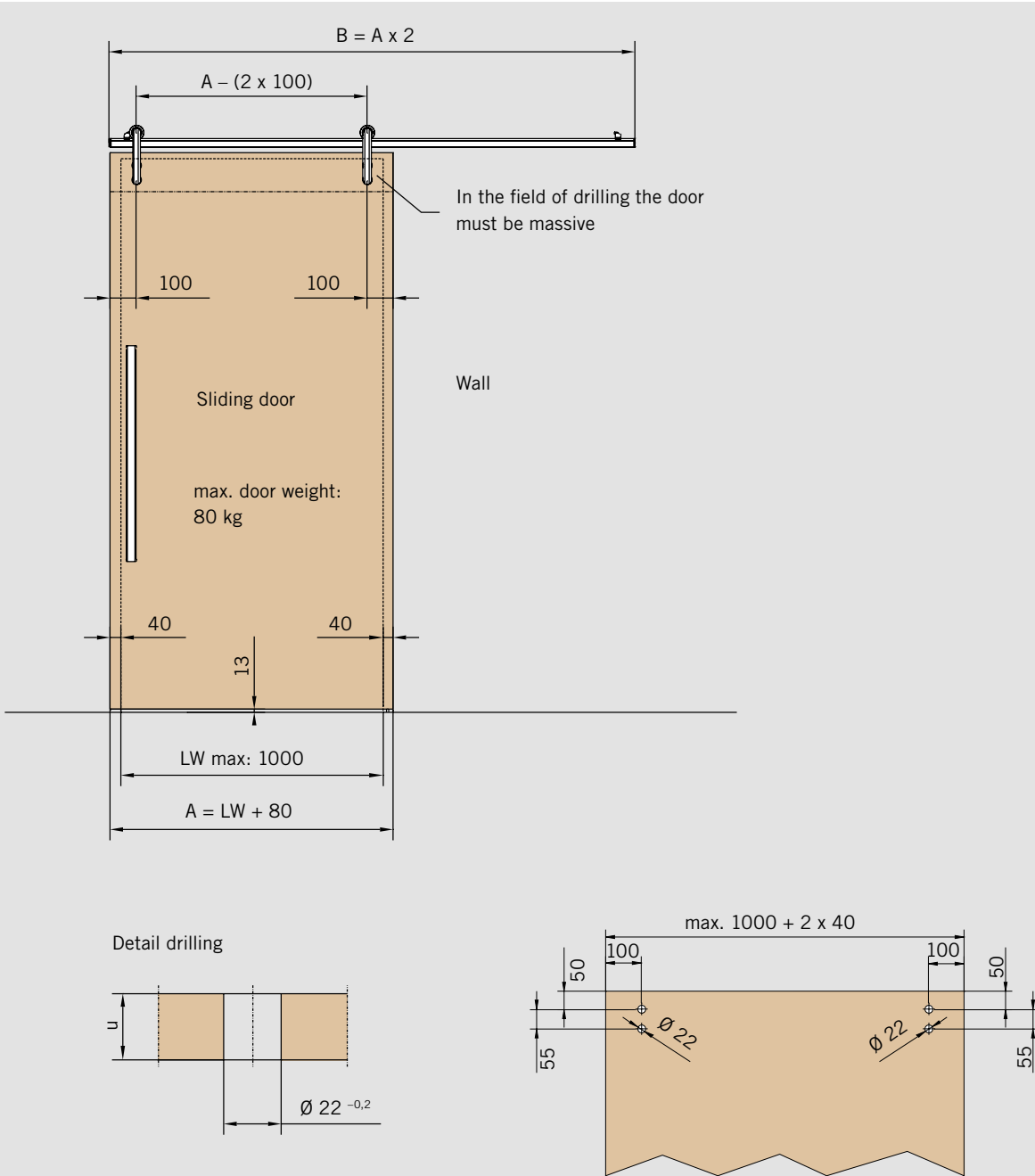
**Art No. 30.705**  
 stock length 6000 mm

**RSP 80 track profile for mounting to wall**

(should not go below min. door width 800 mm / track profile 1600 mm)

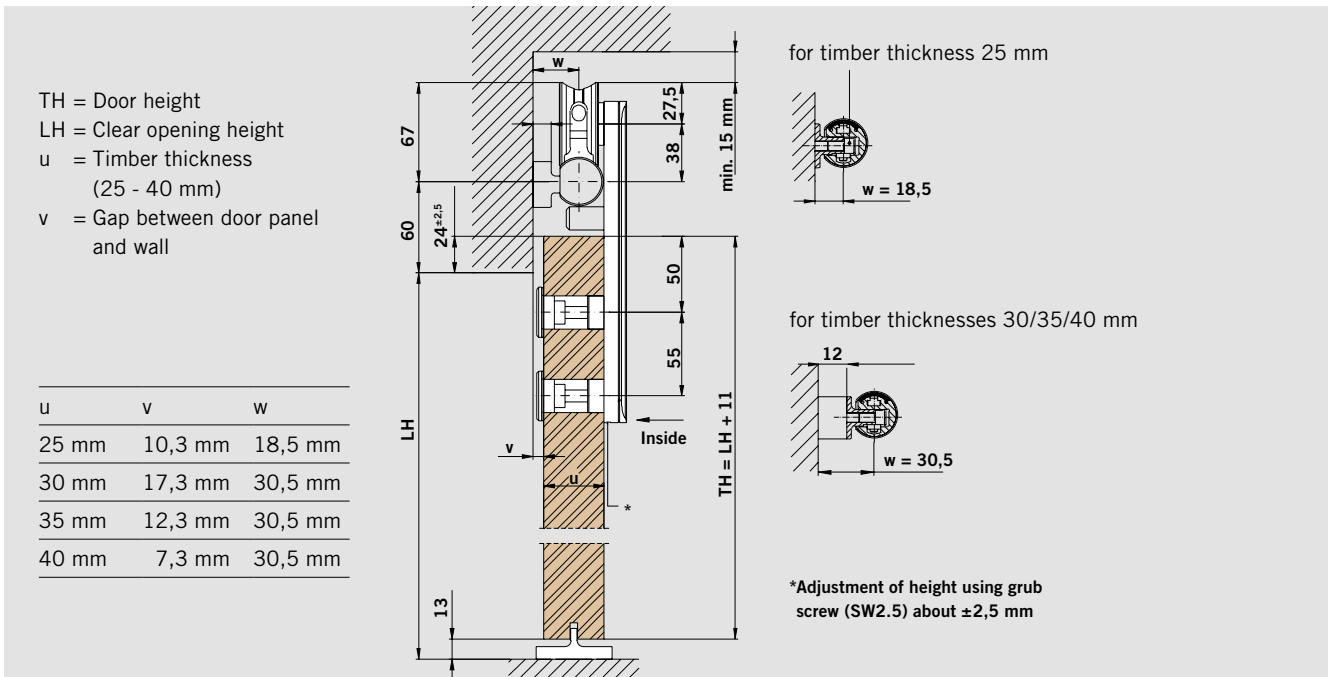
**Art No. 30.706**  
 in fixed length

# TIMBER APPLICATIONS

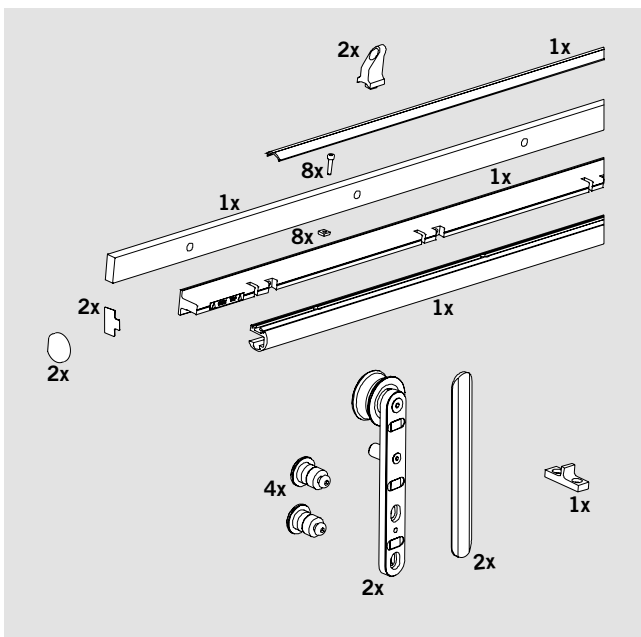


The side overhang of the sliding door should be 40 mm

- A = timber door width
- B = track length
- LW = clear opening width
- u = timber thickness (25–40 mm)



## SET AND COMPONENTS FOR TIMBER APPLICATIONS



### Set

#### RSP 80 sliding door set for timber applications (25–40 mm)

Art. No. 30.707

Weight in kg 5.6

consisting of  
 track profil for max. panel width  
 1080 mm,  
 roller,  
 stopper and floor guide,

material: aluminium EV1-Deco

### Components

#### Roller carrier, stop and floor guide for timber applications

Art No. 30.708

#### RSP 80 track profile for mounting to wall (timber applications)

Art No. 30.712

stock length 6000 mm

#### RSP 80 track profile for mounting to wall (timber applications)

Art No. 30.713

in fixed length

(should not go below min. door  
 width 800 mm / track profile  
 (1600 mm))

# RS 120/RS 120 SYNCRO

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## **General information**

72

## **Typical assemblies**

73

## **Sliding door system**

### **timber doors**

74

## **Fitting modules**

75–76

## **Component parts**

76

## **Accessories**

77–78 / 79–82



## RS 120/RS 120 SYNCRO



### Rugged track

The hollow profiled aluminium track is light yet rugged and resistant to twisting. It can be fixed directly under the ceiling or onto a wall. Cutting to the required size is simplicity itself.

### Clip-on covers

The covers are made of aluminium, and are easily clipped onto the track. If the track is top fixed, onto the ceiling, the covers are used on both sides; if the track is side fixed, the cover is used on the exposed side only. The covers also can easily be cut to size.

### Sidelight profile

A special profile to be hung and screwed into the track is available for the use with fixed sidelights. It ensures that the sidelight glass is mounted with the correct distance to the track. As a matter of course the sidelight profile can be provided with clip-on covers. Furthermore the free sidelight profile in the passage area can be covered from below by a bottom view protection profile.

### Gentle, easy action

The carriers run on large nylon wheels, with needle bearings, giving a quiet and very low friction ride. They are made from high grade, glass fibre reinforced nylon, which is corrosion-resistant and extremely strong.

### End stop and holder

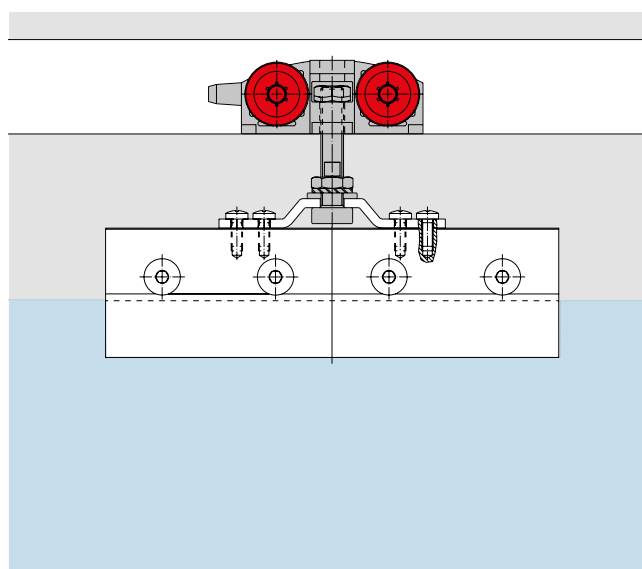
There is a clever device in the track which operates as a cushioned end stop, retaining the door securely in the end positions.

### Syncro-Version

By a special cable and deflection device a synchronously opening system for a two-panel assembly can be realised. For only one of the panels has to be moved, a biggest possible operating convenience for maximum passage width is guaranteed.

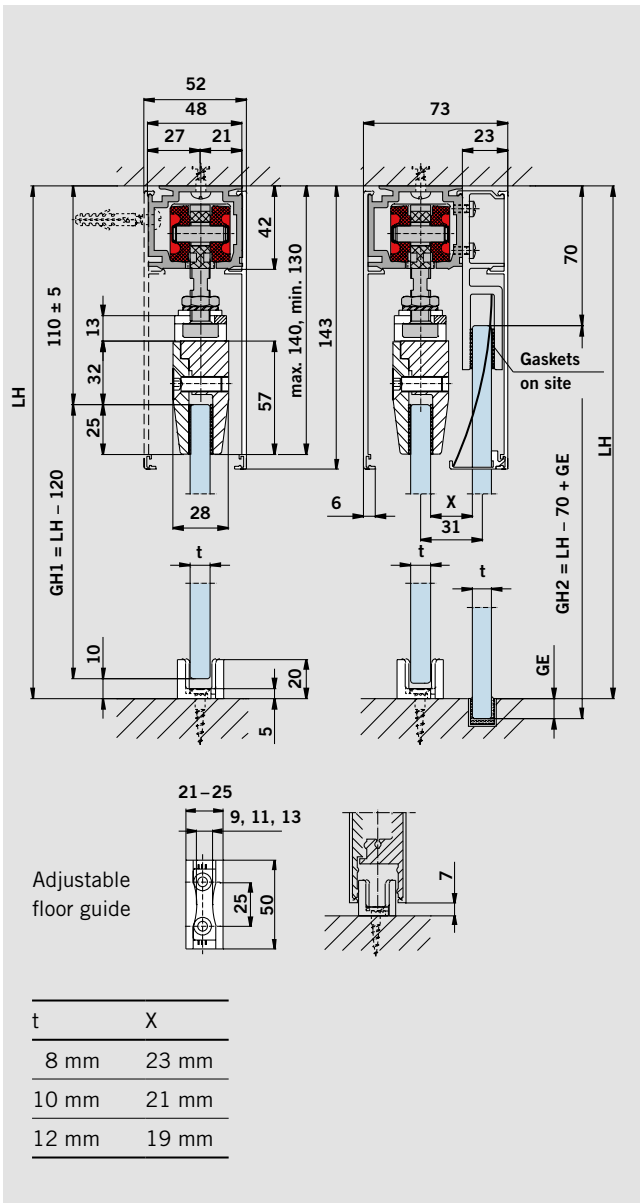
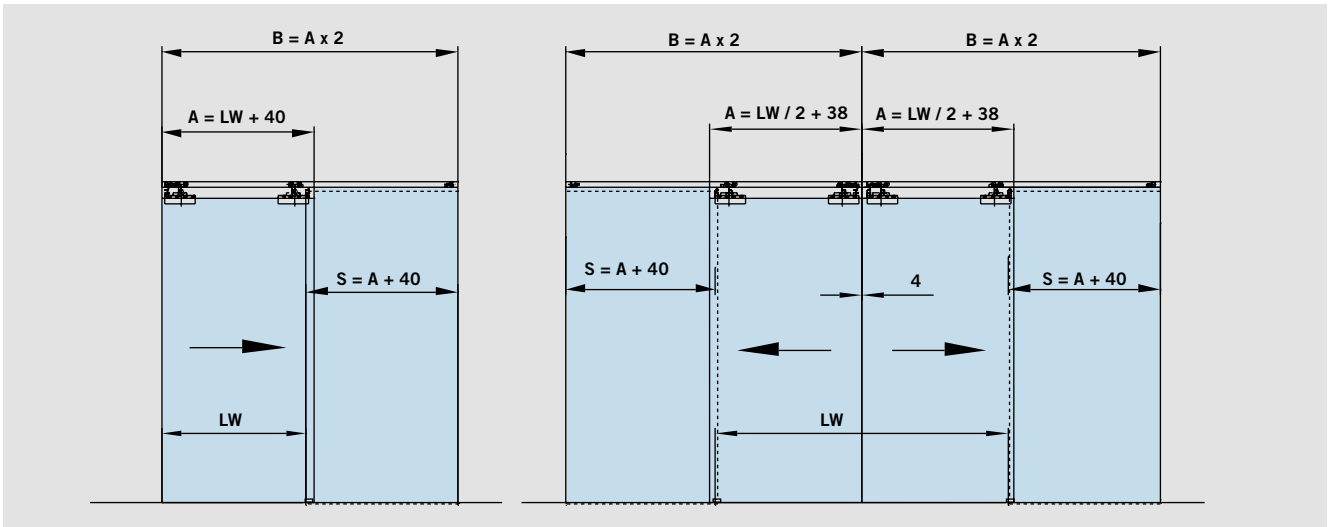
### No glass preparation

DORMA-Glas has a wide experience in working with toughened glass, and this has led to the development of a clamping system which is all that is required for securing the glass blades in DORMA RS sliding door gear. This has the additional benefit of allowing some door height adjustment, after the doors is hung, without dismantling the already fixed glass.





# TYPICAL ASSEMBLIES



### Features and Data

#### RS 120

For one or more door panels, with or without sidelights; 8, 10 and 12 mm glass thickness.

#### Maximum weight of door panels

No. of carriers	max weight (kg) per door leaf
2	120
3	150

#### Calculation of glass height

Height of sliding door leaf  
 $GH1 = LH - 120$   
 (see drawing left hand)

Height of sidelight  
 $GH2 = LH - 70 \text{ mm} + GE$   
 (see drawing right hand)

#### Calculation of glass width

Width of sliding door leaf  
 $A = LW + 40$  (min. 500)

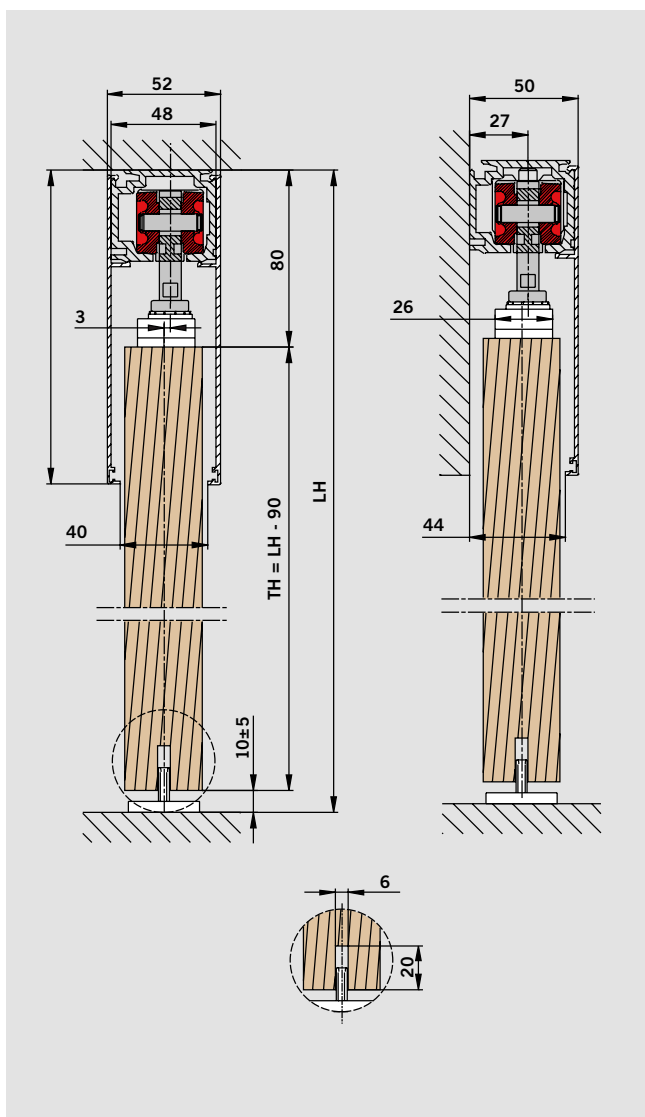
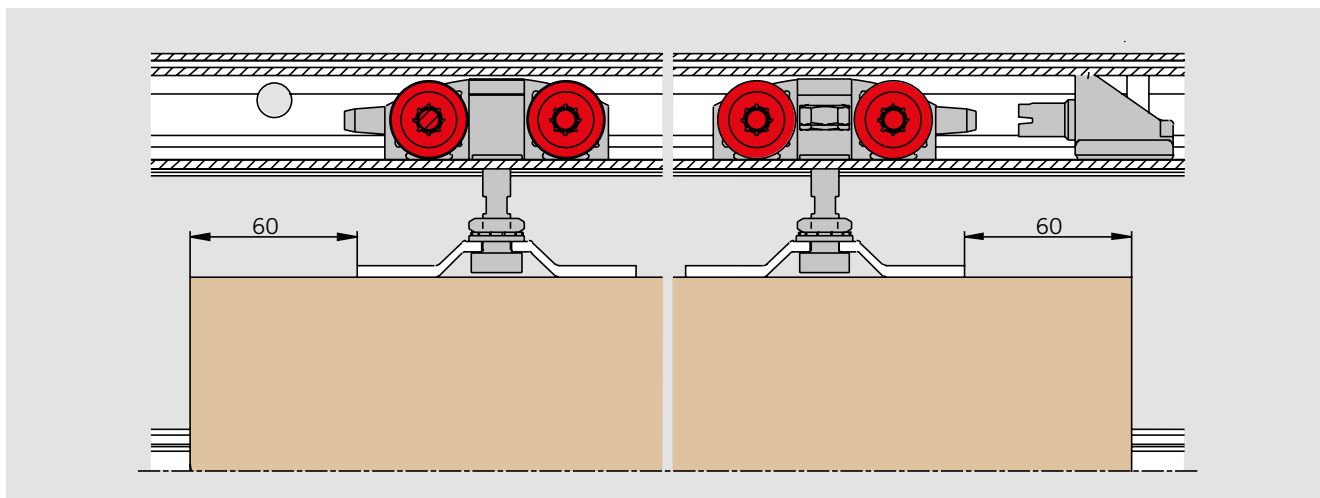
Width of sidelight  
 $S = A + 40$

**Torque for screws in the clamping patches**  
 20 Nm

- A = Width of door leaf
- B = Length of track
- GH1 = Glass height of sliding door leaf
- GH2 = Glass height of side-light
- GE = Glass rebate depth
- LH = Clear opening height
- LW = Clear opening width
- S = Width of sidelight
- t = Glass thickness

**Note:** In order to maximise the protection afforded to the glass, we recommend that spacer 29.420 be fitted to sliding doors that move in opposite directions (see page 40).

# SLIDING DOOR SYSTEM FOR TIMBER DOORS



## Features and Data

### RS 120

For one or more door panels.

### Maximum weight of door panels

No. of carriers	max weight (kg) per door leaf
2	120

### Calculation of door panel height

Height of sliding door leaf

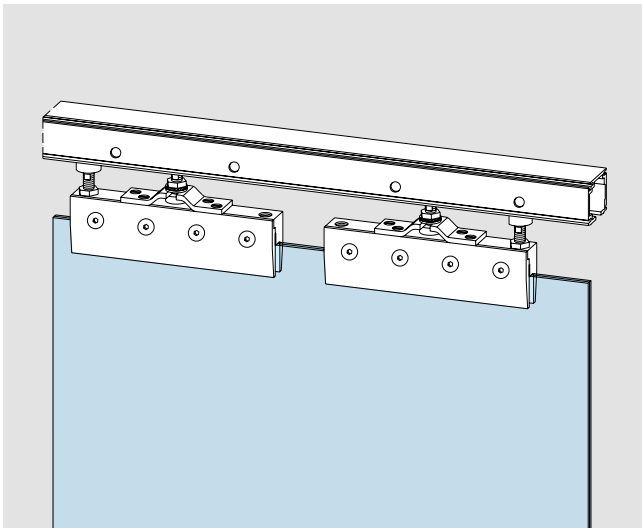
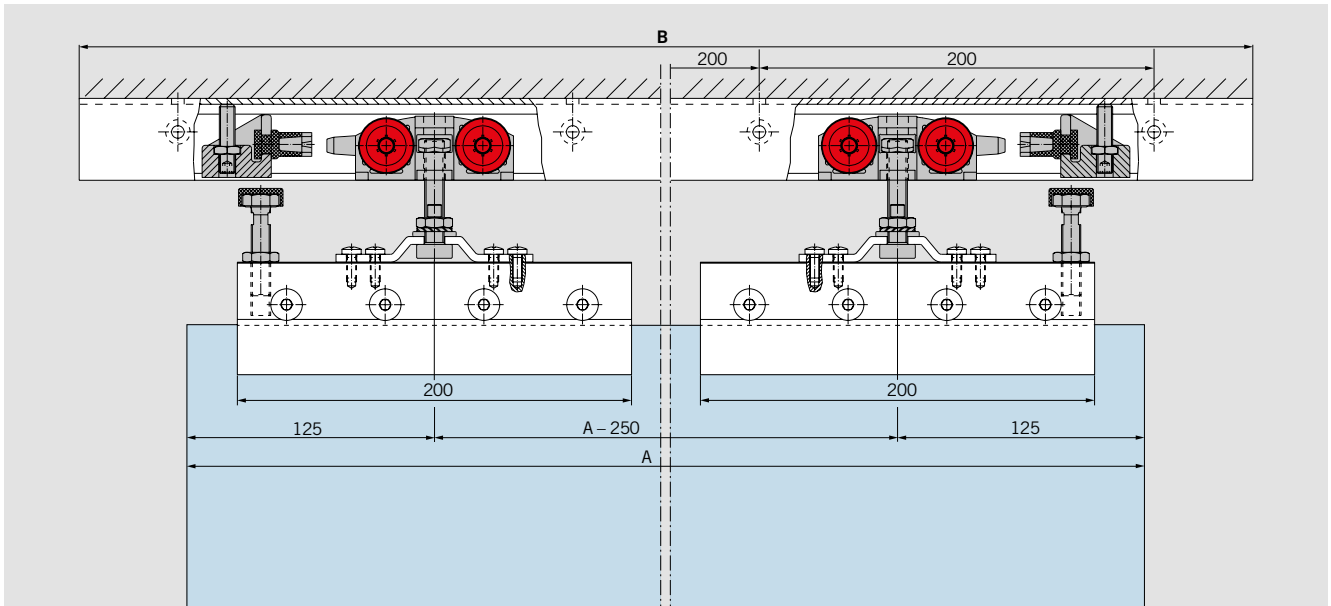
$$TH = LH - 90$$

(see drawing left hand)

TH = door height

LH = clear opening height

# FITTING MODULES



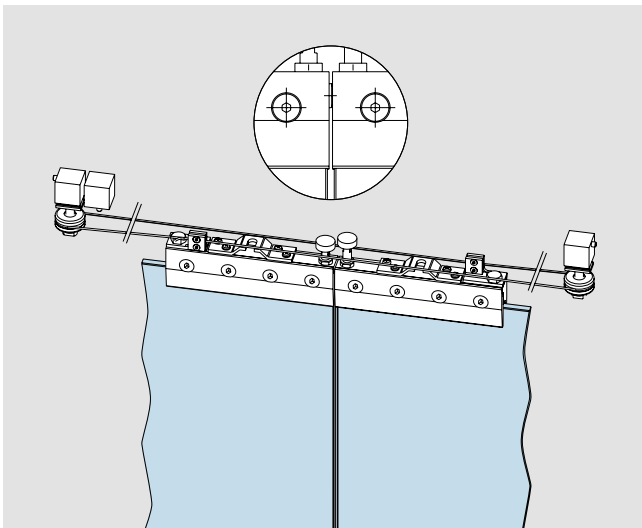
### Sliding door gear RS 120

complete, consisting of  
 1 track,  
 2 carriers with clamping  
 patches and support screw for  
 8 and 10 mm glass thicknesses,  
 2 end stops and  
 1 floor guide.

Track length	1900	2900
B in mm		

<b>Art. No.</b>	<b>07.101</b>	<b>07.102</b>
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Weight in kg:	4.503	5.858
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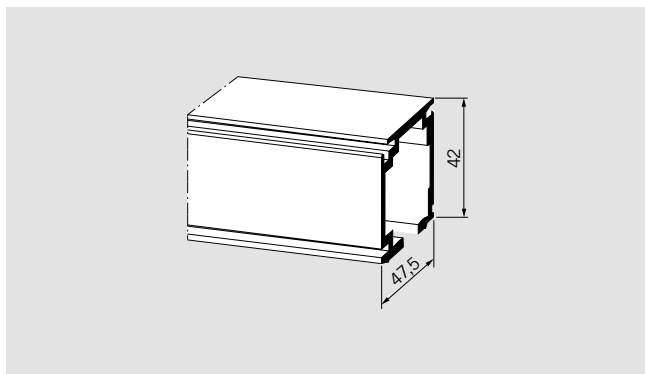
### Sliding door gear RS 120 Syncro

For 2-panel synchronously  
 opening system,  
 max. panel width  
 = 2 x 1000 mm,  
 max. panel weight  
 = 80 kg per panel,  
 consisting of:  
 2 x accessory set 07.125  
 1 x deflection device incl. cable,  
 adjustable

**Art. No. 07.150**

**Track, if necessary sidelight  
 profile, cover profile + view  
 protection profile have to be  
 ordered separately  
 (see page 76).**

## COMPONENT PARTS RS 120/RS 120 SYNCRO

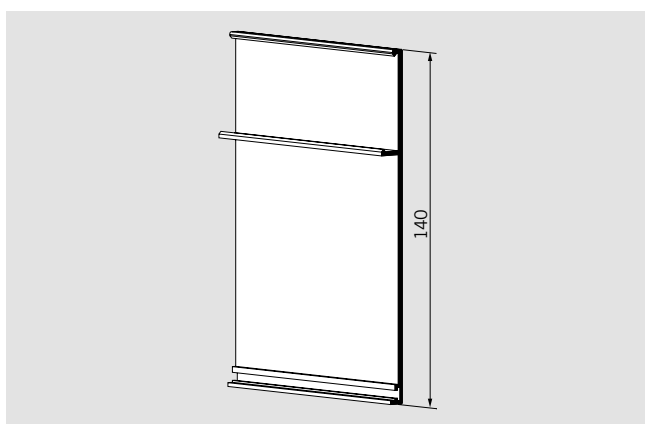


**Track profile**  
prepared for top or side fixing

**Art. No. 07.131**  
fixed length

**Art. No. 07.121**  
stock length 6000 mm

Weight in kg/m: 1.355

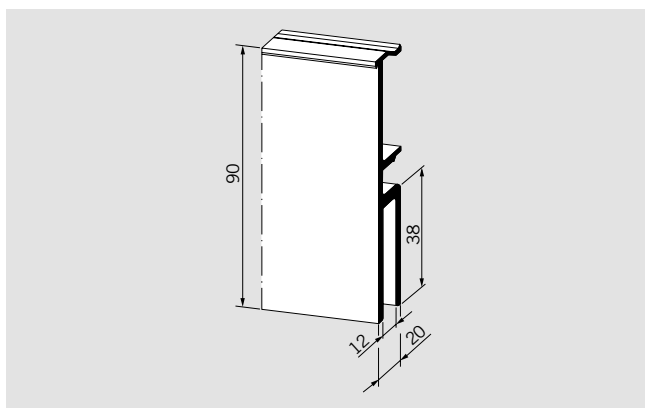


**Cover profile**  
for clip attachment with  
connecting web for view  
protection profile 07.137/138

**Art. No. 07.141**  
fixed length

**Art. No. 07.140**  
stock length 6000 mm

Weight in kg/m: 0.826

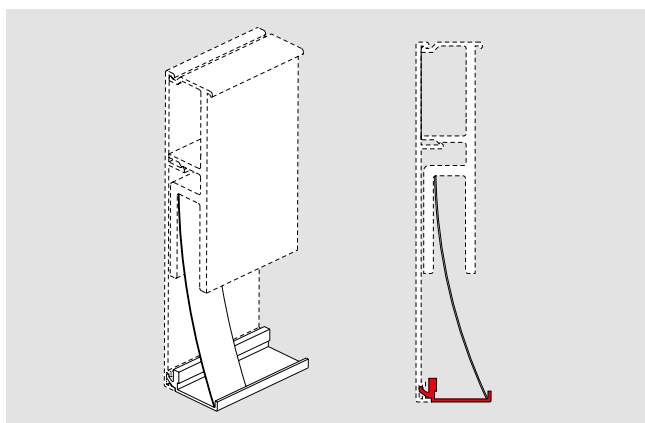


**Sidelight profile**  
connectable to track,  
non prepared

**Art. No. 07.132**  
fixed length

**Art. No. 07.122**  
stock length 6000 mm

Weight in kg/m: 1.680



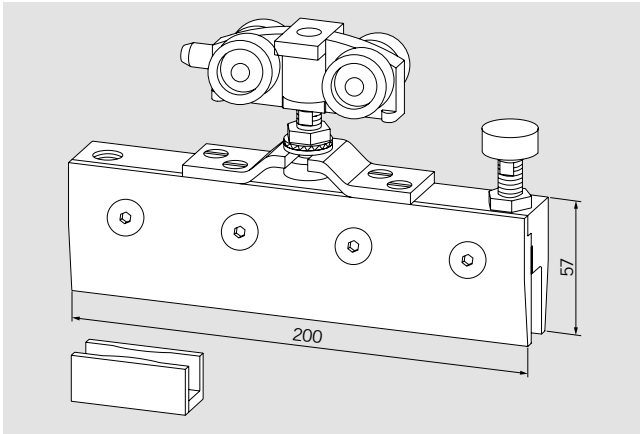
**Bottom view protection profile**  
(only in combination with side-  
light profile 07.132/122 and  
cover profile 07.141/140)

**Art. No. 07.137**  
fixed length

**Art. No. 07.138**  
stock length 6000 mm

Weight in kg/m: 0.164

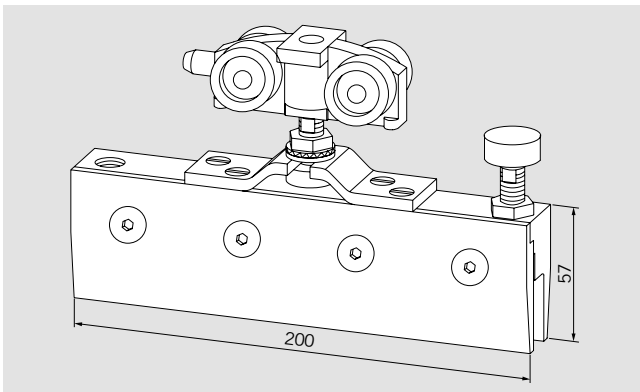
## ACCESSORIES RS 120/RS 120 SYNCRO



### Set of accessories

Art. No. 07.125

consisting of:  
2 carriers with clamping patches (8 and 10 mm glass thicknesses) and support screw,  
2 end stops with safety catch,  
1 floor guide



### Additional carrier with clamping patches

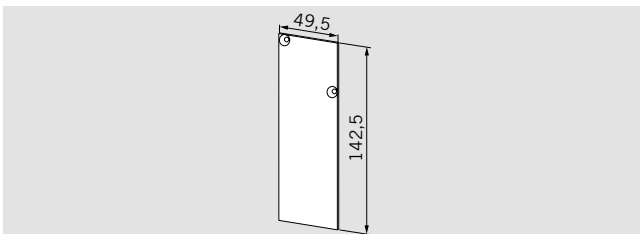
Art. No. 07.123

(8 and 10 mm glass thicknesses)  
for max. panel weight 150 kg

### Pair of intermediate aluminium plates

Art. No. 07.118

for 12 mm glass thickness  
(for 2 clamping parts)  
(not illustrated)

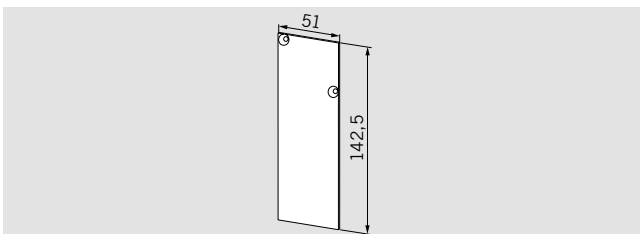


### End cap

Art. No. 07.127

track connected to wall  
left/right hand,  
incl. screws

Weight in kg: 0.037

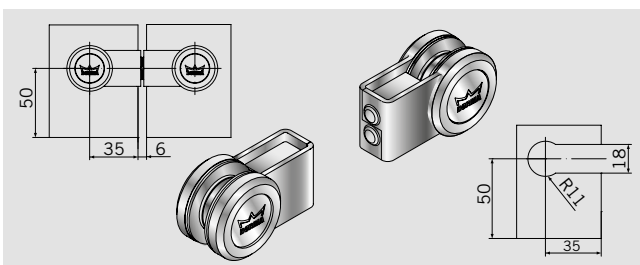


### End cap

Art. No. 07.129

track connected to ceiling  
left/right hand,  
incl. screws

Weight in kg: 0.037



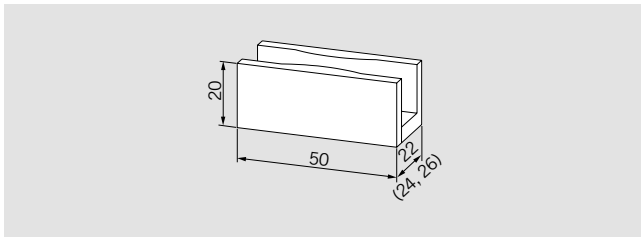
### Spacer

Art. No. 29.420

for sliding doors that move in  
opposite directions

## FLOOR GUIDE

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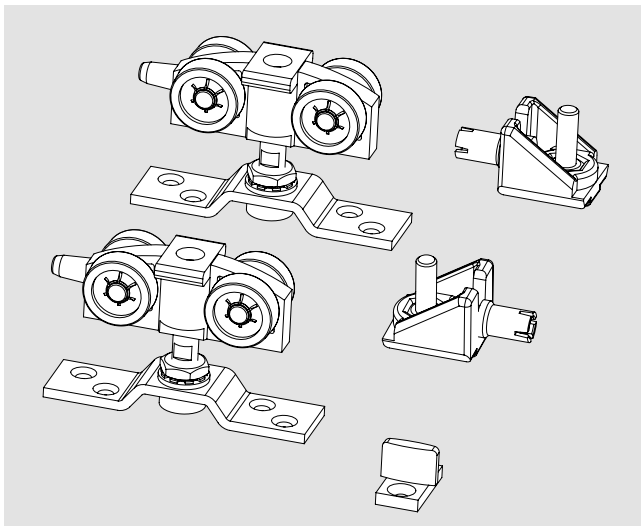
**Floor guide,  
adjustable**

**Art. No. 07.126**  
Weight in kg: 0.024

**For further accessories  
see page 79–82.**

## COMPONENT PARTS FOR RS 120 FOR TIMBER APPLICATIONS

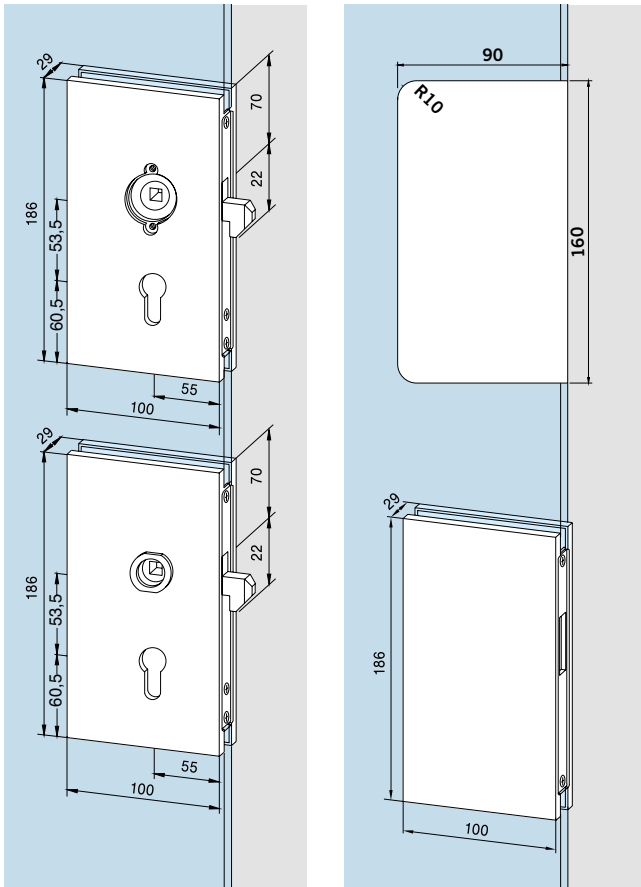
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**RS 120 accessories for timber  
applications**  
consisting of:  
2 carriers,  
2 end stops with safety catch,  
1 floor guide

**Art. No. 07.135**

## LOCKS, U-PROFILES



**Hook lock** for sliding doors, nightlatch function, suitable for **aluminium lever handles with round roses (10.307)**, prepared for Europrofile cylinder, left hand and right hand, with lock keeper plate

**Art. No. 05.200**

Weight in kg: aluminium 1.325

suitable for **lever handles with follower**

**Art. No. 05.202**

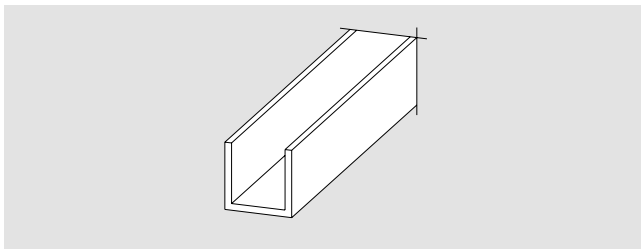
Weight in kg: aluminium 1.325

**Strike box**

to suit hook lock 05.200, 05.202, non-handed

**Art. No. 05.201**

Weight in kg: aluminium 0.890



**U-profile**

20 x 20 x 20 x 2 mm

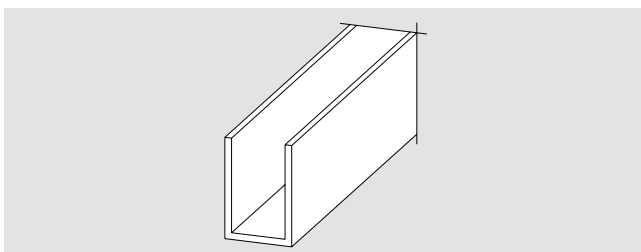
**Art. No. 07.092**

stock length 6000 mm

**Art. No. 07.093**

fixed length

Weight in kg/m: alumin. 0.336



**U-profile**

30 x 20 x 30 x 2 mm

**Art. No. 07.097**

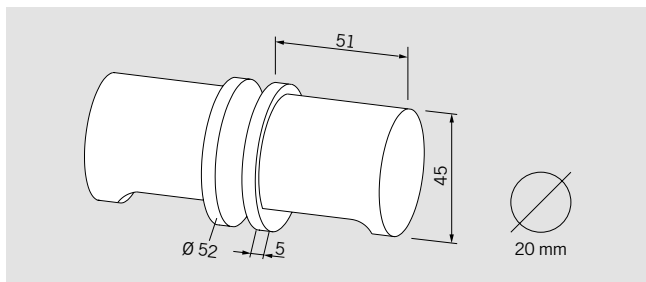
stock length 6000 mm

**Art. No. 07.096**

fixed length

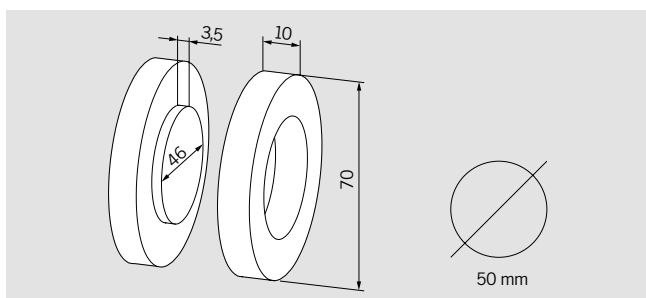
Weight in kg/m: alumin. 0.448

# DOOR KNOB, FLUSH PULL, ARCOS HANDLE BAR



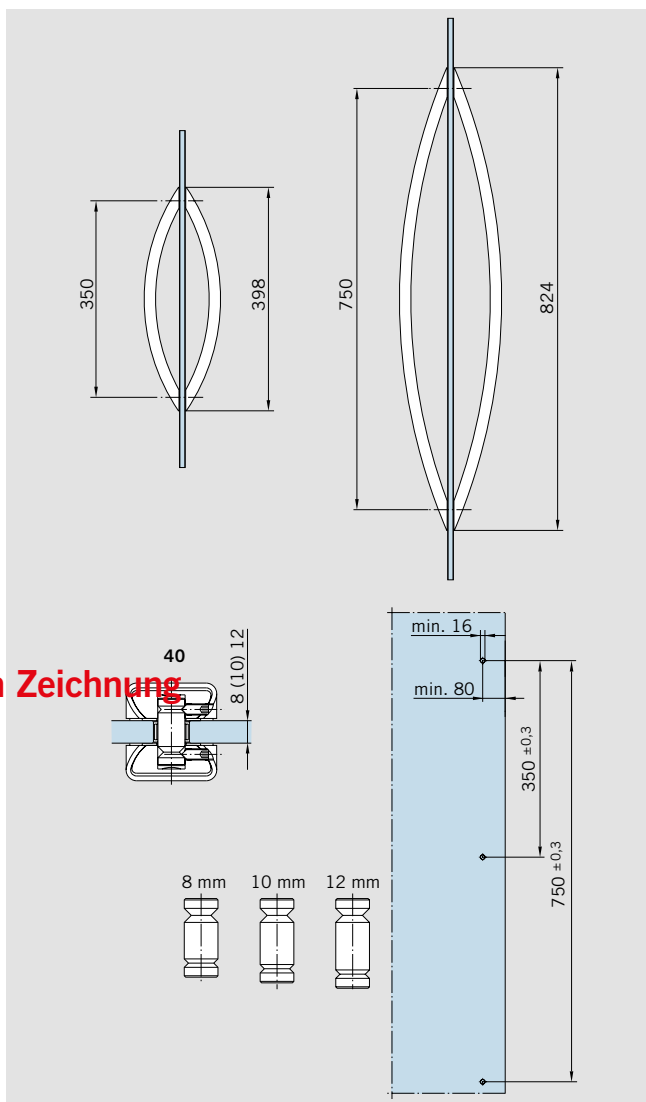
**Door knob,**  
aluminium

**Art. No. 07.201**  
Weight in kg: 0.400



**Flush pull,**  
aluminium  
to be glued onto the glass

**Art. No. 07.200**  
Weight in kg: 0.072



**ARCOS handle bar**  
Satin stainless steel  
or aluminum, for 8, 10 and  
12 mm glass thicknesses

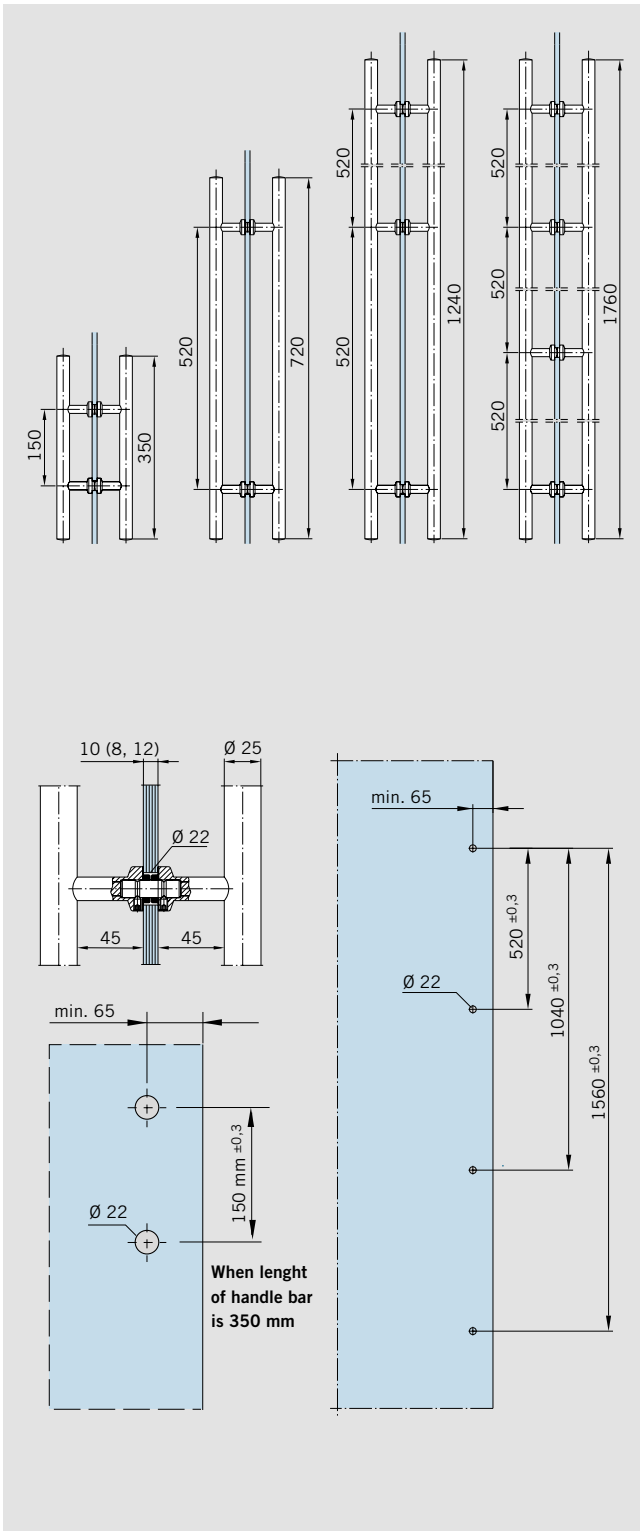
**Art. No. 26.500**  
Length 350 mm  
2 hole fixing

**Art. No. 26.510**  
Length 750 mm  
2 hole fixing

Maß in Zeichnung setzen



# PAIR OF HANDLE BARS



**Pair of handle bars  
satin stainless steel**  
length 350 mm  
2 hole fixing for 8, 10 and  
12 mm glass thicknesses

**Art. No. 21.267\***  
Weight in kg:  
stainless steel 1.254

**Pair of handle bars  
aluminium**  
length 350 mm  
2 hole fixing for 8, 10 and  
12 mm glass thicknesses

**Art. No. 03.400**  
Weight in kg: alumin. 1.326

**Pair of handle bars  
satin stainless steel**  
length 720 mm,  
2 hole fixing for 8, 10 and  
12 mm glass thicknesses

**Art. No. 21.270\***  
Weight in kg:  
stainless steel 1.947

**Pair of handle bars  
aluminium**  
length 720 mm  
2 hole fixing for 8, 10 and  
12 mm glass thicknesses

**Art. No. 03.402**  
Weight in kg: alumin. 2.423

**Pair of handle bars  
satin stainless steel**  
length 1240 mm  
3 hole fixing for 8, 10 and  
12 mm glass thicknesses

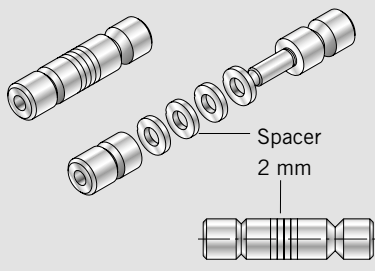
**Art. No. 21.273\***  
Weight in kg:  
stainless steel 3.400

**Pair of handle bars  
satin stainless steel**  
length 1760 mm  
4 hole fixing for 8, 10 and  
12 mm glass thicknesses

**Art. No. 21.276\***  
Weight in kg:  
stainless steel 5.000

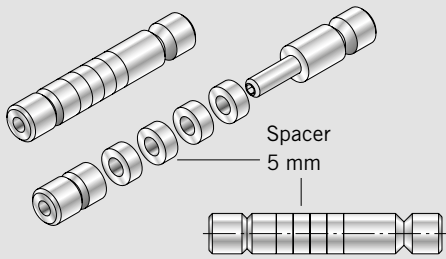
\*Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see next page

## CONVERSION SETS FOR BACK TO BACK PULL HANDLES



**Glass doors**

Glass thickness 13.5 mm:	without spacer
Glass thickness 15 mm:	with 1 spacer
Glass thickness 17.5 mm:	with 2 spacer
Glass thickness 19 mm:	with 3 spacer
Glass thickness 21.5 mm:	with 4 spacer

**Timber doors**

Door thickness 20 mm:	without spacer
Door thickness 25 mm:	with 1 spacer
Door thickness 30 mm:	with 2 spacer
Door thickness 35 mm:	with 3 spacer
Door thickness 40 mm:	with 4 spacer

**Conversion set  
for glass doors,  
back to back pull handles**  
Glass thicknesses  
13.5–21.5 mm

**Art. No. 21.285**

**Conversion set  
for timber doors,  
back to back pull handles**  
Door thicknesses 20–40 mm

**Art. No. 21.286**

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 description. 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.



## PLANNING TOOL

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For planning of intelligent glass solutions we offer you several planning tools which allow you to create secure and professional solutions for any kinds of glass doors and toughend glass assemblies.

Your benefits:

- Easy to operate
- Professional and error-free preparation of offers
- Rapid response to incoming requests for quotations
- Highly reduced planning costs for time and money savings

The planning tools DGES and MANET COMPACT enable you to prepare designs and cost calculations quickly, reliably and professionally. The software provides you with all necessary documentation such as dimensioned technical drawings, glass sizes and preparation measures.

- DGES Fittings (for internal doors and toughend glass assemblies),
- DGES HSW (for horizontal sliding walls),
- MANET COMPACT planning tool (for MANET pivoting and sliding doors)

## SAFETY-RELATED INFORMATION

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Important safety-related information for the mounting and use of DORMA 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. DORMA recommends using TSG-H (heat soaked toughened safety glass) to DIN EN 12150-1.
2. DORMA 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.

## GENERAL CARE INSTRUCTIONS FOR THE FITTINGS

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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.

### Mounting

1. Only properly qualified and specially trained staff is authorised to mount DORMA 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)!



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