

# Sliding Systems for Glass Doors

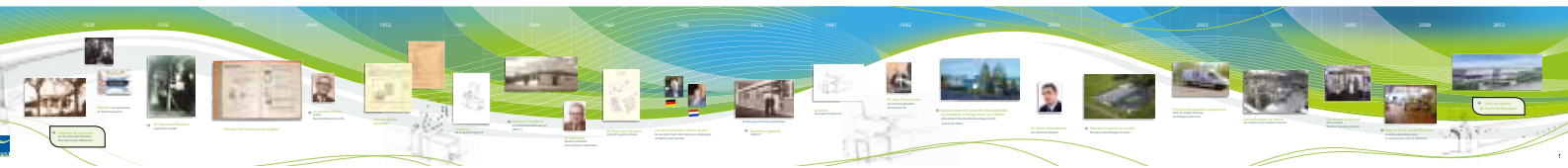


Sliding | Folding | Automatismes

**613A**



# MANTION has designed and manufactured *sliding systems* since 1920



## A word from the CEO



Mantion has come a long way since it was founded in 1920 and we now have a presence on all five continents. Our products have become the benchmark in sliding systems, thanks to their robustness and ease of use.

We attribute this development to the dynamic and professional nature of our teams, who continually search for new solutions, and to the control we have over all of our industrial processes, whether integrated or within our production subsidiaries. It is also down to our market presence, the constant attention we pay to the needs of professionals, and our desire to provide a true technical and commercial service.

But our greatest strength undoubtedly lies in the values that guide us in our day-to-day operations - respect for and confidence in people, an appetite for adventure and challenges, and loyalty and trust in our relationships. Without them, nothing of what we do would be possible.

In such a competitive and ever-changing sector, we are firmly focused on the future. Our values, coupled with our capacity for change and innovation, help us to tackle this century's challenges ... so together we can go even further!

Denis **SCHNOEBELEN**



## Innovation



Aiming to be at the cutting edge of innovation and the forerunner in its market, the Mantion group invests around 4% of its turnover back into research. 20 dedicated people (10% of the group's workforce) work daily in three laboratories:

- Besançon: mechanics lab for heavy sliding applications
- Warsaw: mechanics lab for sliding cupboard doors
- Genlis: electrotechnical and electronics lab for drives

University labs - at the forefront of innovation - and institutions such as the French Technical Centre for Mechanical Industries support Mantion in conducting highly-targeted research.

Mantion routinely files international patents to protect its innovations.



## A wide range of products for construction finishing & fitting work:

- Lightweight sliding systems for interior doors (cupboards, wood and glass separating doors, pocket doors and more)
- Heavy sliding systems for industrial doors, gates, fire doors and shutters
- Drives for sliding doors, sliding shutters and swinging shutters
- Sliding doors with patterned glass
- Building foyer doors





## MANTION, a global reach

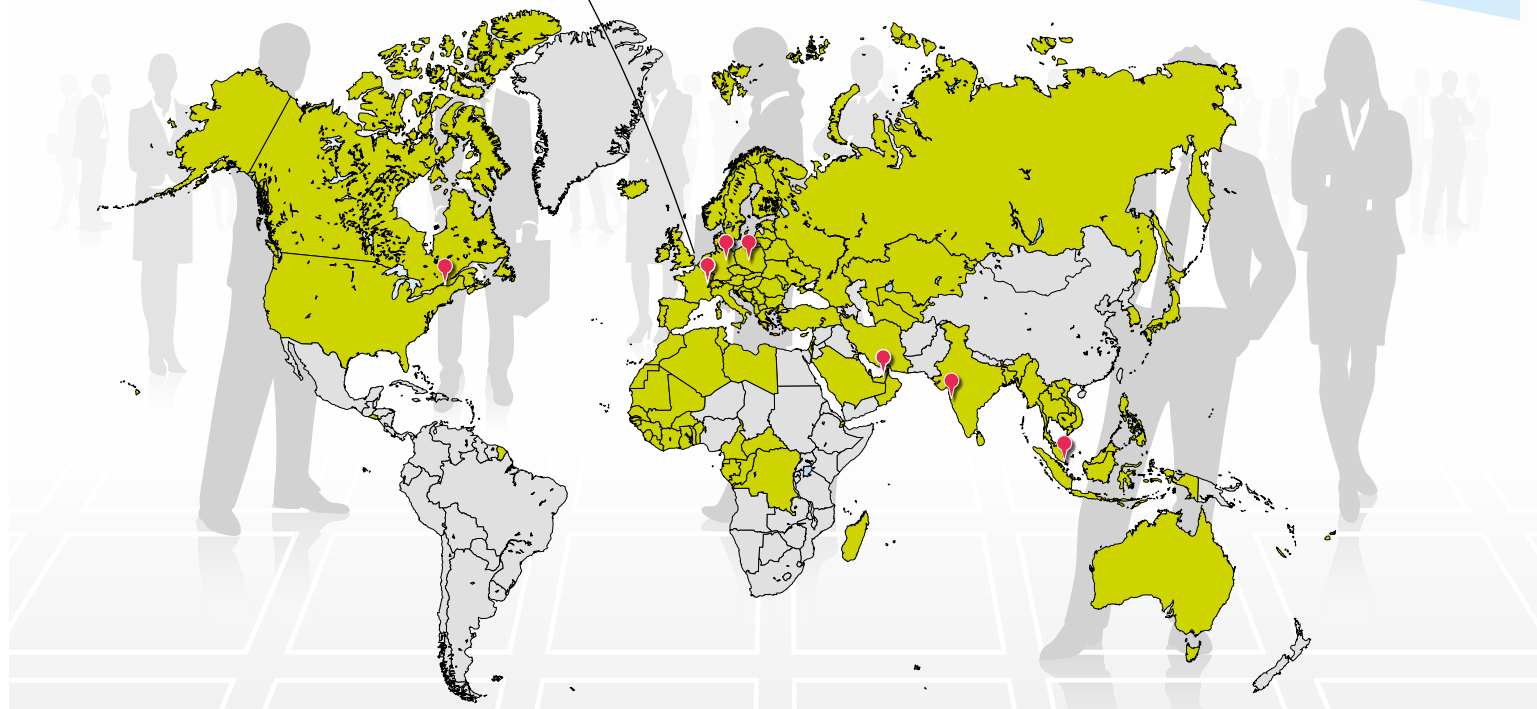


### MANTION S.A.S

7 rue Gay Lussac  
F-25000 Besançon  
Tel. + 33 3 81 50 56 77  
Fax. + 33 3 81 53 29 76  
E-mail: [mantion@mantion.com](mailto:mantion@mantion.com)  
[www.mantion.com](http://www.mantion.com)

With a presence in more than 80 countries over 5 continents, where Manton promotes the 'Made in France' label as a hallmark of quality, the group achieves 45% of its turnover outside of France.

Thanks to its dedicated sales teams and with offices and subsidiaries overseas, the Manton group remains close to its customers and architects, so they can benefit fully from consultancy and technical advice.



### GERMANY / AUSTRIA MANTION BAUBESCHLÄGE GMBH

Dieselstraße 18  
D-42579 HEILIGENHAUS  
Tel. + 49 2056 58 26 90  
Fax. + 49 2056 58 26 99  
Email: [info@mantion.de](mailto:info@mantion.de)  
[www.mantion.de](http://www.mantion.de)

### EAST EUROPE VALCOMP SP Z.O.O

ul Boruty 2a  
PL-03 769 WARSZAWA  
Tel. + 48 22 818 77 22  
Fax. + 48 22 818 99 78  
Email: [biuro@valcomp.com.pl](mailto:biuro@valcomp.com.pl)  
[www.valcomp.com.pl](http://www.valcomp.com.pl)

### MIDDLE EAST DUBAI BRANCH OFFICE

Jafza South, unit no. S101 23 O 032,  
Jebel Ali Free Zone, Dubai, UAE  
Tel. + 971 56 174 58 44  
Email: [export@mantion.com](mailto:export@mantion.com)  
[www.mantion.com](http://www.mantion.com)

### INDIA MUMBAI BRANCH OFFICE

A-204, Girnar Towers,  
G.D. Ambekar Marg,  
Opp. P.T. Road Post Office, Kalachowki,  
Mumbai 400 033. India  
Tel. + 91 2224 71 81 33  
Mobile. + 91 9818 30 38 78  
Email: [export@mantion.com](mailto:export@mantion.com)  
[www.mantion.com](http://www.mantion.com)

### SOUTH-EAST ASIA MANTION SOUTH EAST ASIA PTE. LTD.

4 Battery Road,  
#25-01 Bank of China Building,  
Singapore 049908  
Mobile. + 65 9147 8440  
Email: [export@mantion.com](mailto:export@mantion.com)  
[www.mantion.com](http://www.mantion.com)

### NORTH AMERICA MANTION CANADA

6-360 boul. Séminaire N  
Saint Jean sur Richelieu  
Québec J3B 5L1  
Tel. + 1 866 626-8466  
Mobile. + 1 514 770-0861  
E-mail: [adminna@mantion.com](mailto:adminna@mantion.com)  
[www.mantion.ca](http://www.mantion.ca)



# QUALITY - THE EUROPEAN STANDARD EN 1527

## A safety insurance regarding the performance of fittings for sliding doors:

*Simple and efficient:* By requiring the characteristics of a product according to the European standard, you will avoid inconvenience such as bad sliding, blocking or early wearing.

What does the European standard EN 1527 indicate?

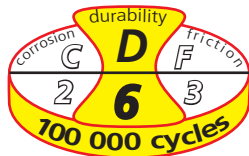
It defines **objective quality criteria for a complete set of fittings for sliding doors** (tracks, brackets, rollers, stops and guides):

- Corrosion resistance (resistance to salt spray)
- Durability (number of cycles)
- Initial friction (initial max. force required to open and close the panels)

It determines the conditions in which the tests have to be made.  
This allows an easy and real comparison between different competing products:

- Door under 100 kg      Height: 2 meters      Width: 0.80 meters
- Door over 100 kg      Height: 2 meters      Width: 2 meters

It indicates **the performance** of fittings according to the tests results:



## CORROSION RESISTANCE [C]

| grade 1 | grade 2 | grade 3 | grade 4 | grade 5 |
|---------|---------|---------|---------|---------|
| 24 h*   | 48 h*   | 96 h*   | 240 h*  | 480 h*  |

\*Numbers of hours of resistance to salt spray (Standard EN1670)

## INITIAL FRICTION [F]



Measured without the use of damper closer or hydraulic closer stop

|                         | grade 1 | grade 2 | grade 3 |
|-------------------------|---------|---------|---------|
| Door of 50 Kg           | 50 N*   | 40 N*   | 30 N*   |
| Door from 51 to 100 Kg  | 80 N*   | 60 N*   | 40 N*   |
| Door from 101 to 330 Kg | 100 N*  | 5 %**   | 4 %**   |
| Door over 330 Kg        | 5 %**   | 4 %**   | 3 %**   |

\*(10N): 10 newton correspond to a force of approx. 982 g to start movement of panel

\*\*Percentage of the mass

## DURABILITY [D]

| grade 1  | grade 2   | grade 3   | grade 4   | grade 5   | grade 6    |
|----------|-----------|-----------|-----------|-----------|------------|
| 5 000 c* | 10 000 c* | 25 000 c* | 50 000 c* | 75 000 c* | 100 000 c* |

\*Number of cycles

**Mantion certifies\* the performance of its fittings for sliding doors and gives you the guaranty of high quality products.**

The different Mantion products have been designed, produced and tested to be used together. In order to avoid any technical problem or early use of fittings, require MANTION products.

\* This guaranty of durability applies to complete sets of Mantion products: tracks, rollers, brackets, stops and guides which are used and installed according to Mantion instructions (capacity and number of cycles).



# SUMMARY - Sliding systems for glass doors


## STRAIGHT SLIDING DOORS



|   |   |
|---|---|
|  | - <b>MAGGLASS PINCE 80®</b> .....06<br>Capacity/Door: 80 kg - Track: <b>aluminium</b> - Door thickness: <b>8-10-12 mm</b> |
|  | - <b>SAFGLASS PINCE 80®</b> .....08<br>Capacity/Door: 80 kg - Track: <b>aluminium</b> - Door thickness: <b>8-10-12 mm</b> |
|  | - <b>SAFGLASS PINCE 120®</b> .....12<br>Capacity/Door: 120 kg - Track: <b>aluminium</b> - Door thickness: <b>12-15 mm</b> |
|  | - <b>SAFGLASS SYNCHRO®</b> .....14<br>Capacity/Door: 80 kg - Track: <b>aluminium</b> - Door thickness: <b>8-10-12 mm</b>  |
|  | - <b>INTEC®</b> .....16<br>Capacity/Door: 80 kg - Track: <b>aluminium</b> - Door thickness: <b>8-10 mm</b>                |



## POCKET SLIDING DOORS



|   |   |
|---|---|
|  | - <b>SAFGLASS-INSIDE®</b> .....22<br>Capacity/Door: 80 kg - Track: <b>aluminium</b> - Door thickness: <b>8 mm</b> |
|---|---|


## AUTOMATISMS



|   |   |
|---|---|
|  | - <b>SOFTCLOSE-GLASS®</b> .....24<br>Capacity/Door: 80 kg - Self closing system - Door thickness: <b>8-10 mm</b>    |
|  | - <b>SAFGLASS-POWER®</b> .....26<br>Capacity/Door: 80 or 2x50 kg - Motorization - Door thickness: <b>8-10-12 mm</b> |

## STRAIGHT SLIDING DOORS ON ROUND TRACK



|   |  |
|---|--|
|  | - <b>TUB-DESIGN 80 G®</b> .....28<br>Capacity/Door: 80 kg - Round track: <b>stainless steel</b> - Door thickness: <b>10 -12 mm</b> |
|---|--|

## FOLDING DOORS FOR PICTURE WINDOWS



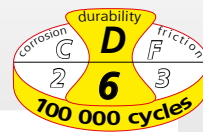
|   |  |
|---|--|
|  | - <b>OPENTEC F80®</b> .....30<br>Capacity/Door: 80 kg - Track: <b>aluminium</b> - Door thickness: <b>10-12-12.7 mm</b> |
|  | - <b>OPENTEC FWF100®</b> .....32<br>Capacity/Door: 100 kg - Track: <b>aluminium</b> - Door thickness: <b>83-100 mm</b> |
|  | - <b>OPENTEC FMF150®</b> .....34<br>Capacity/Door: 150 kg - Track: <b>aluminium</b> - Door thickness: <b>50-100 mm</b> |



## Straight sliding system for glass doors

### MAGLASS PINCE 80®

See details of the standard EN 1527 page 4



|                |                |
|----------------|----------------|
| CAPACITY/DOOR  | 80 KG          |
| DOOR THICKNESS | 8 - 10 - 12 MM |
| TRACK          | ALUMINIUM      |
| MOVEMENT       | STRAIGHT       |

#### TRACK

| Item Nr.  | Description   |
|-----------|---|
| 11145/... | Raw aluminium track, 32.1 x 26.4 mm cross-section drilled every 0.44 m, in lengths of 4 or 6 m. |



#### GEAR MAGLASS PINCE 80

|        |   |
|--------|---|
| GE4201 | Gear for one 8/10/12 mm door including:<br>- 2 mountings with precision bearings<br>- 2 anodised aluminium clamps<br>- Sets of shims for 8, 10 or 12 mm doors<br>- 2 hydraulic door closer end stops<br>- 1 adjustable lower guide made of transparent polycarbonate<br>- Tools and installation instructions |
|--------|---|

**For the best possible smoothness of travel, choose the synchronised fitting according to the weight of the door:**

**How to calculate the weight of a glass door:**

$W = 2.5 \times \text{thickness of door (in mm)} \times \text{surface area of door (in m}^2\text{)}$

#### GEAR FOR MAGLASS PINCE 80 SYNCHRONISED FOR DOUBLE DOOR (2.2 M OPENING MAX.)

| W* < 60 KG | 60 KG < W* < 100 KG | 100 KG < W* < 140 KG | 140 KG < W* < 160 KG |
|------------|---------------------|----------------------|----------------------|
| GE5001     | GE5002              | GE5003               | GE5004               |

Gear for two 8/10/12 mm doors including:

- 4 mountings with precision bearings
- 4 anodised aluminium clamps (incl. sets of shims for 8, 10 or 12 mm doors)
- 2 end stops
- 2 return pulleys
- 1 cable 1.5 mm Ø 10 m long
- Fasteners on clamps
- 2 adjustable lower guides made of transparent polycarbonate
- Tools and installation instructions

**\* W = total weight of both glass doors**

#### Gear MAGLASS PINCE 80



#### Gear MAGLASS PINCE 80 SYNCHRONISED



#### ACCESSORIES

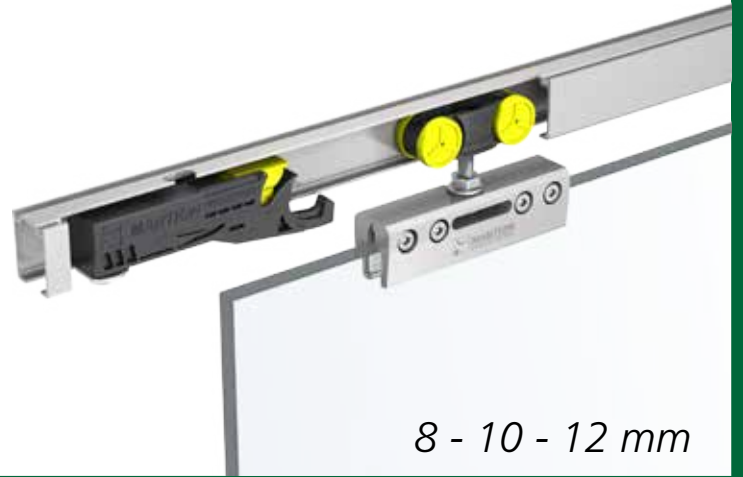
| Item Nr. | Description  |
|----------|--|
| M66      | Damper closer system for gentle closing of doors (over 100 mm)<br>Damper automatically follows door to its closed position.                      |
| 2529     | Reinforced angle plate for wall-fixing of the track, supplied with screws, nut and washer.<br>Height = 23 mm - Length = 30 mm - Thickness 30/10. |



See accessories p. 36

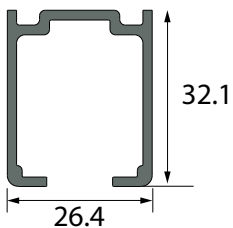
Straight sliding system for 8, 10 or 12 mm glass doors,  
up to 80 Kg

- Clamp is suitable for Securit glass and does not require any drilling of the glass panel.
- Convenience ensured thanks to the SAFSTOP system (hydraulic end stop), allowing you to stop the door in an open or closed position.

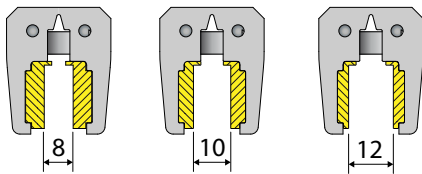


8 - 10 - 12 mm

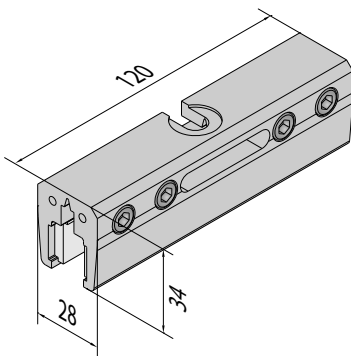
MAGGLASS PINCE 80®



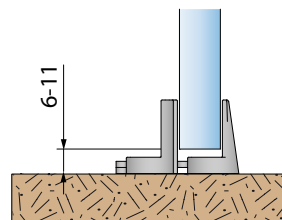
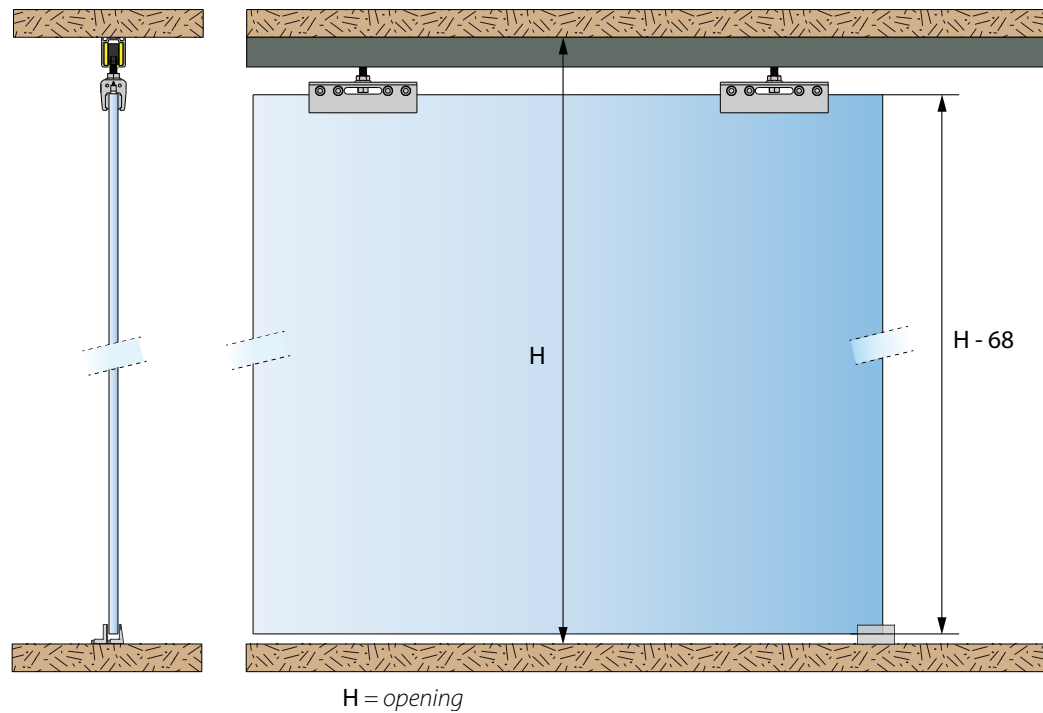
**Track 11145/...**  
(4 - 6 m)



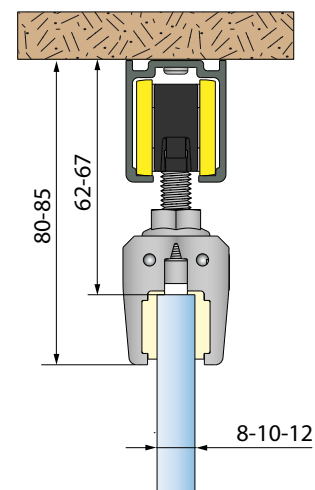
Clamps supplied with 3 sets of shims  
for 8, 10 or 12 mm doors



## MAGGLASS PINCE 80®



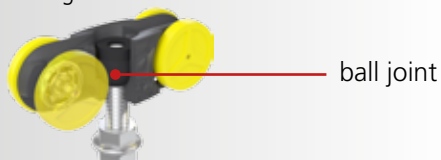
Mounting with guide 1124



Fixing on the ceiling

### CLEVER:

Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects



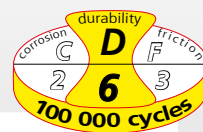




# Straight sliding Systems for glass doors / 8-10 mm

## SAFGLASS PINCE 80<sup>®</sup>

See details of the standard EN 1527 page 4



|                |           |
|----------------|-----------|
| CAPACITY/DOOR  | 80 KG     |
| DOOR THICKNESS | 8 - 10 MM |
| TRACK          | ALUMINIUM |
| MOVEMENT       | STRAIGHT  |

### TRACKS & PELMETS

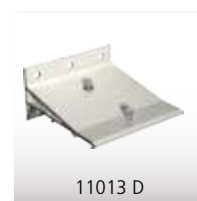
| Item Nr.  | Description  |
|-----------|--|
| 11108/... | Anodised aluminium track, 33 x 27 mm cross-section drilled every 0.44 m, in lengths of 2 / 2.5 / 3 / 4 / 5 or 6 m.                 |
| 11013     | Angled (sliding) bracket for wall mounting of track. Fastened every 0.44 m.  |
| 11013 D   | Dual (sliding) bracket for wall mounting of 2 tracks 11108/... (distance between centres of axes = 47 mm). Fastened every 0.44 mm. |
| 11011/... | Snap-on anodised aluminium pelmet*. To be used for ceiling mounting. Height = 63 mm - Length = 2 / 4 or 6 m.                       |
| 11041/... | Snap-on anodised aluminium pelmet*. To be used for wall mounting. Height = 86 mm - Length = 2 / 3 / 4 or 6 m.                      |
| 11045     | Set of painted aluminium end pieces for 11041/... pelmets*RAL5803 (anodised effect).   |



11108/...



11013



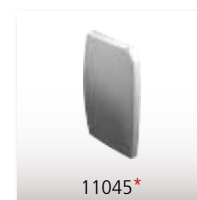
11013 D



11011/...\*



11041/...\*



11045\*

\* Pelmets and end pieces are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

### GEAR FOR SAFGLASS PINCE 80

|        |   |
|--------|---|
| GA4201 | Gear for one 8 mm door including:<br>- 2 rollers with precision bearings + installation template<br>- 2 anodised aluminium clamps<br>- 1 hydraulic closer stop + 1 damper closer system M66<br>- 1 stainless steel lower guide<br>- 1 spirit level for the track adjustment (buly®)<br>- 2 cleaning wipes for the degreasing of the glass before clamp fitting<br>- Installation instructions |
| GA4202 | Ditto for 1 door 10 mm thick  |

See accessories p. 36

| 8 mm door | 10 mm door | Aluminium clamp coverings (pelmets + end pieces) |
|-----------|------------|--|
|-----------|------------|--|

### CLAMP COVERING\* (only covers clamp)

|        |        |   |
|--------|--------|---|
| GA4020 | GA4320 | The kit includes 4 clamp pelmets and 4 end pieces. Length of clamp pelmets = 169 mm |
|--------|--------|---|

### LONG CLAMP COVERING\* (covers entire width of door)

|        |        |   |
|--------|--------|---|
| GA4021 | GA4321 | The kit includes 2 clamp pelmets and 2 end pieces. Length of pelmets = 631 mm (635 mm door) |
| GA4022 | GA4322 | Ditto with pelmet length = 651 mm (655 mm door)   |
| GA4023 | GA4323 | Ditto with pelmet length = 681 mm (685 mm door)   |
| GA4024 | GA4324 | Ditto with pelmet length = 731 mm (735 mm door)   |
| GA4025 | GA4325 | Ditto with pelmet length = 751 mm (755 mm door)   |
| GA4026 | GA4326 | Ditto with pelmet length = 781 mm (785 mm door)   |
| GA4027 | GA4327 | Ditto with pelmet length = 831 mm (835 mm door)   |
| GA4028 | GA4328 | Ditto with pelmet length = 851 mm (855 mm door)   |
| GA4029 | GA4329 | Ditto with pelmet length = 881 mm (885 mm door)   |
| GA4030 | GA4330 | Ditto with pelmet length = 931 mm (935 mm door)   |
| GA4031 | GA4331 | Ditto with pelmet length = 951 mm (955 mm door)   |
| GA4032 | GA4332 | Ditto with pelmet length = 981 mm (985 mm door)   |
| GA4033 | GA4333 | Ditto with pelmet length = 1031 mm (1035 mm door)   |
| GA4034 | GA4334 | Ditto with pelmet length = 1051 mm (1055 mm door)   |

\* Coverings are made of anodised aluminium. They are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

### Gear SAFGLASS PINCE 80



Note: Clamp pelmets are optional

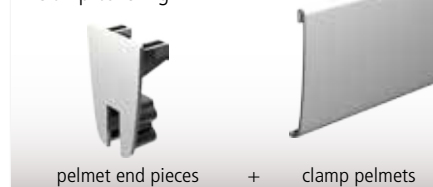


Long clamp covering



Clamp covering

### Clamp covering:



pelmet end pieces

+

clamp pelmets

Straight sliding Systems for glass doors of 8 or 10 mm thickness, combining refined design with smooth rolling.

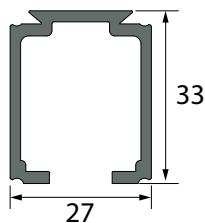
- Thanks to the clamp, there is no need to drill the glass in any way.
- Comfortable: the damper closer system M66 for gentle closing of doors (automatically follows door to its closed position over 100 mm); and hydraulic closer stop allows doors to open softly.
- Practical: the clamp can be mounted with or without pelmet (no drilling on the visible side).
- Clever: Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects.

mounting video



8 - 10 mm

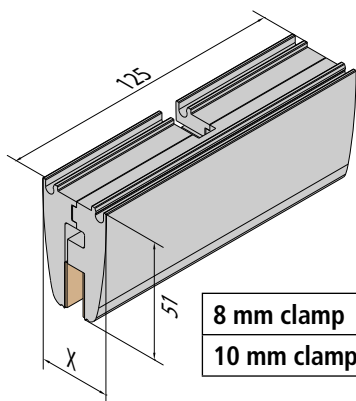
SAFGLASS PINCE 80®



**Track 11108/...**  
(2 - 2.5 - 3 - 4 - 5 - 6 m)



The clamp can be mounted with or without pelmet (no drilling on visible side)



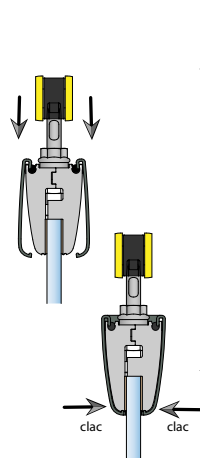
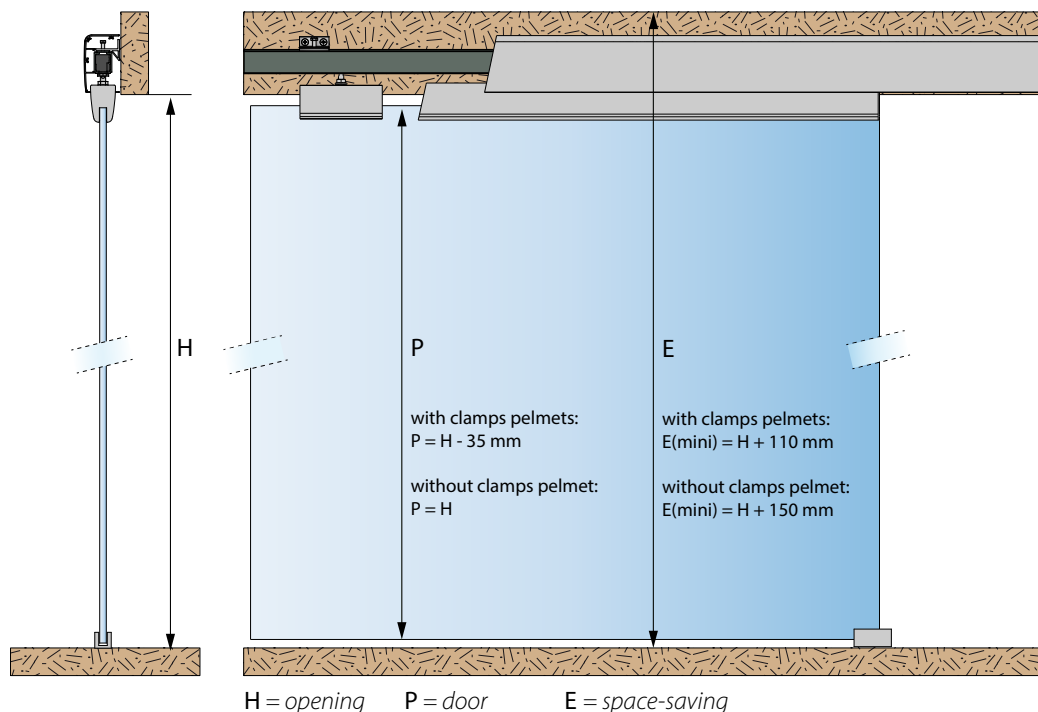
|             | X     |
|-------------|-------|
| 8 mm clamp  | 32 mm |
| 10 mm clamp | 34 mm |

**Novelty 2016: M66 damper closer system**  
inside the track

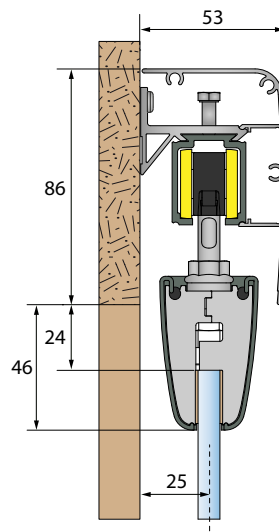


Damping stroke: 100 mm

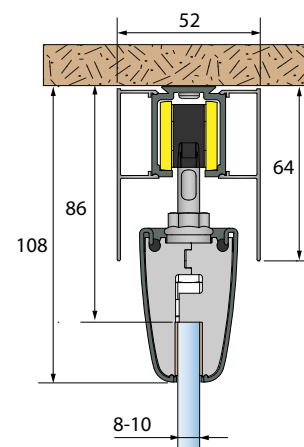
## SAFGLASS PINCE 80®



Mounting of clamps covering simple and fast



Fixing on the wall



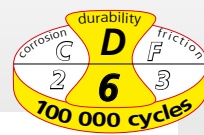
Fixing on the ceiling



## Straight sliding Systems for glass doors / 12 mm

### SAFGLASS PINCE 80®

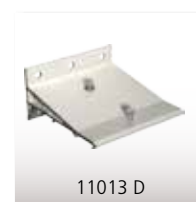
See details of the standard EN 1527 page 4



|                |           |
|----------------|-----------|
| CAPACITY/DOOR  | 80 KG     |
| DOOR THICKNESS | 12 MM     |
| TRACK          | ALUMINIUM |
| MOVEMENT       | STRAIGHT  |

#### TRACKS & PELMETS

| Item Nr.  | Description  |
|-----------|--|
| 11108/... | Anodised aluminium track, 33 x 27 mm cross-section drilled every 0.44 m, in lengths of 2 / 2.5 / 3 / 4 / 5 or 6 m.                 |
| 11013     | Angled (sliding) bracket for wall mounting of track. Fastened every 0.44 m.  |
| 11013 D   | Dual (sliding) bracket for wall mounting of 2 tracks 11108/... (distance between centres of axes = 47 mm). Fastened every 0.44 mm. |
| 11011/... | Snap-on anodised aluminium pelmet*. To be used for ceiling mounting. Height = 63 mm - Length = 2 / 4 or 6 m.                       |
| 11041/... | Snap-on anodised aluminium pelmet*. To be used for wall mounting. Height = 86 mm - Length = 2 / 3 / 4 or 6 m.                      |
| 11045     | Set of painted aluminium end pieces for 11041/... pelmets*RAL5803 (anodised effect).   |



\* Pelmets and end pieces are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

#### GEAR FOR SAFGLASS PINCE 80

|        |  |
|--------|--|
| GA4203 | <p>Gear for one 12 mm door including:</p> <ul style="list-style-type: none"> <li>- 2 rollers with precision bearings + installation template</li> <li>- 2 anodised aluminium clamps</li> <li>- 1 hydraulic closer stop + 1 damper closer system M66</li> <li>- 1 stainless steel lower guide</li> <li>- 1 spirit level for the track adjustment (Buly®)</li> <li>- 2 cleaning wipes for the degreasing of the glass before clamp fitting</li> <li>- Installation instructions</li> </ul> |
|--------|--|

See accessories p. 36

#### Gear SAFGLASS PINCE 80



#### CLAMP COVERING\* (only covers clamp)

|        |   |
|--------|---|
| GA4120 | Aluminium covering for 12 mm clamp consisting of 4 clamp pelmets and 4 end pieces. Length of clamp pelmets = 194 mm |
| GA4420 | Aluminium covering for 15 mm clamp consisting of 4 clamp pelmets and 4 end pieces. Length of clamp pelmets = 194 mm |

#### LONG CLAMP COVERING\* (covers entire width of door)

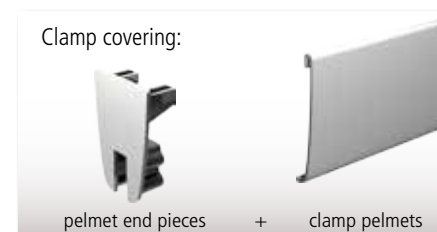
|        |  |
|--------|--|
| GA4121 | Aluminium covering for 12 mm clamp consisting of 2 clamp pelmets and 2 end pieces. Length of clamp pelmets = 1.5 m (cut to length) |
| GA4123 | Aluminium covering for 12 mm clamp consisting of 2 clamp pelmets and 2 end pieces. Length of clamp pelmets = 3 m (cut to length)   |

\* Coverings are made of anodised aluminium. They are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

Note: Clamp pelmets are optional



#### Clamp covering:

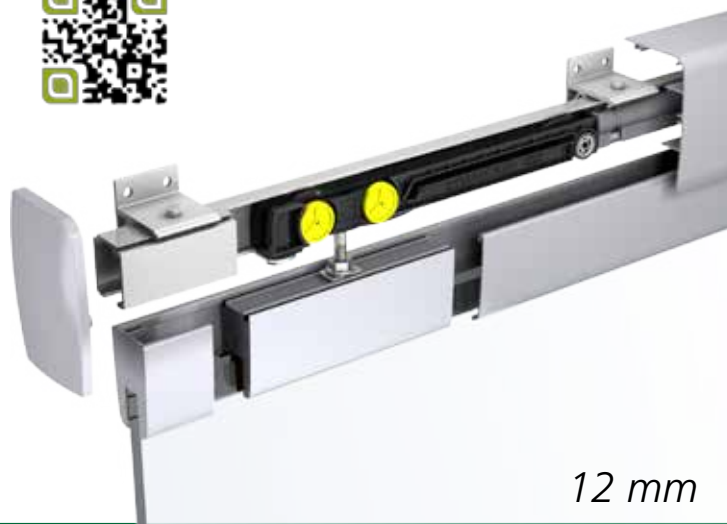




Straight sliding Systems for glass doors of 12 mm thickness, combining refined design with smooth rolling.

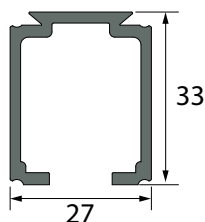
- Thanks to the clamp, there is no need to drill the glass in any way.
- Comfortable: the damper closer system M66 for gentle closing of doors (automatically follows door to its closed position over 100 mm); and hydraulic closer stop allows doors to open softly.
- Practical: the clamp can be mounted with or without pelmet (no drilling on the visible side).
- Clever: Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects.

mounting video



12 mm

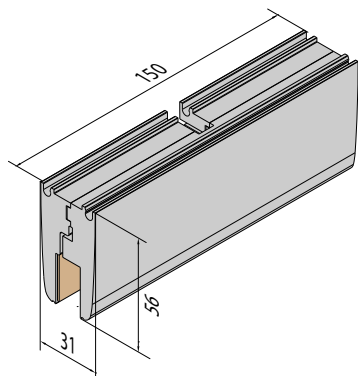
SAFGLASS PINCE 80®



**Track 11108/...**  
(2 - 2.5 - 3 - 4 - 5 - 6 m)



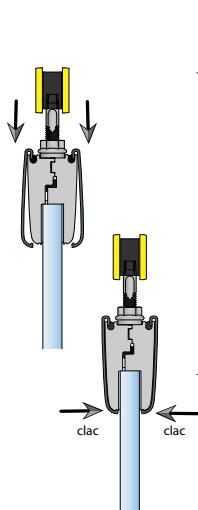
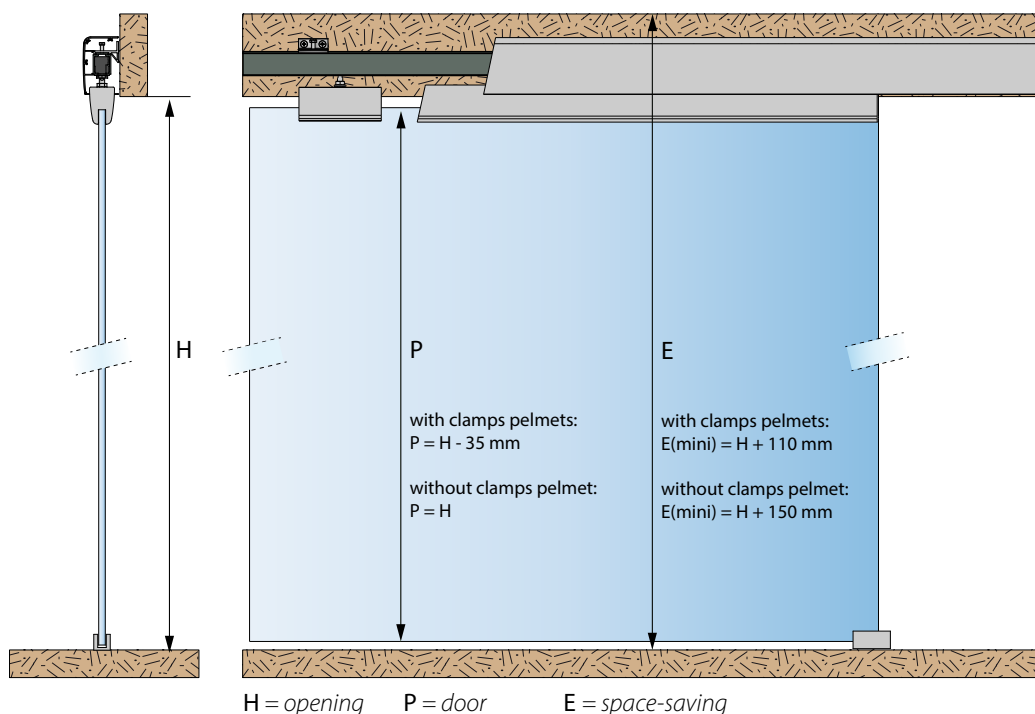
The clamp can be mounted with or without pelmet (no drilling on visible side)



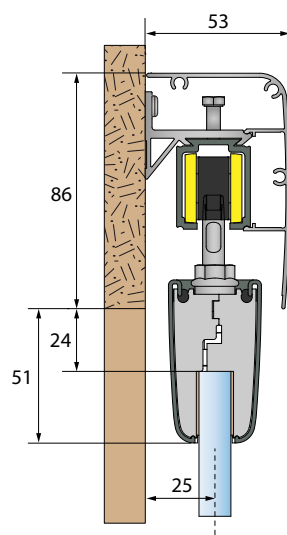
**Novelty 2016: M66 damper closer system**  
inside the track



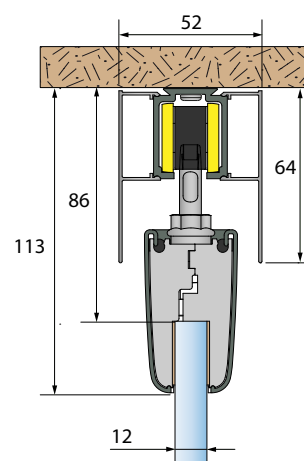
## SAFGLASS PINCE 80®



Mounting of clamps covering simple and fast



Fixing on the wall



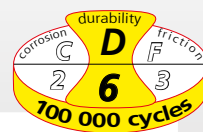
Fixing on the ceiling



# Straight sliding Systems for glass doors / 12-15 mm

## SAFGLASS PINCE 120<sup>®</sup>

See details of the standard EN 1527 page 4



|                |            |
|----------------|------------|
| CAPACITY/DOOR  | 120 KG     |
| DOOR THICKNESS | 12 - 15 MM |
| TRACK          | ALUMINIUM  |
| MOVEMENT       | STRAIGHT   |

### TRACKS & PELMETS

| Item Nr.  | Description   |
|-----------|---|
| 11312/... | Anodised aluminium track, 37.4 x 28 mm cross-section drilled every 0.3 m, in lengths of 2 / 3 / 5 or 6 m      |
| 11013     | Angled (sliding) bracket for wall mounting of track. Fastened every 0.3 m.                                    |
| 11031/... | Snap-on anodised aluminium pelmet*. To be used for ceiling mounting. Height = 67 mm - Length = 2 or 3 m       |
| 11041/... | Snap-on anodised aluminium pelmet*. To be used for wall mounting. Height = 86 mm - Length = 2 / 3 / 4 or 6 m. |
| 11045     | Set of painted aluminium end pieces for 11041/... pelmets*RAL5803 (anodised effect).                          |



11312/...



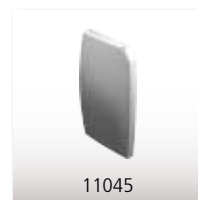
11013



11031/...\*



11041/...\*



11045

### GEAR FOR SAFGLASS PINCE 120

|        |  |
|--------|--|
| GA4204 | Gear for one 12 mm door including:<br>- 2 rollers with precision bearings + installation template (STAINLESS screws, bolts and bearings)<br>- 2 anodised aluminium clamps<br>- 2 claw stops<br>- 1 stainless steel lower guide<br>- 1 spirit level for the track adjustment (bully®)<br>- 2 cleaning wipes for the degreasing of the glass before clamp fitting<br>- Installation instructions |
| GA4205 | Ditto for 1 door 15 mm thick (without lower guide)   |

\* Pelmets and end pieces are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

#### Gear SAFGLASS PINCE 120



See accessories p. 36

### CLAMP COVERING\* (only covers clamp)

|        |  |
|--------|--|
| GA4120 | Aluminium covering for 12 mm clamp consisting of 4 clamp pelmets and 4 end pieces.<br>Length of clamp pelmets = 194 mm |
| GA4420 | Aluminium covering for 15 mm clamp consisting of 4 clamp pelmets and 4 end pieces.<br>Length of clamp pelmets = 194 mm |

### LONG CLAMP COVERING\* (covers entire width of door)

|        |   |
|--------|---|
| GA4121 | Aluminium covering for 12 mm clamp consisting of 2 clamp pelmets and 2 end pieces.<br>Length of clamp pelmets = 1.5 m (cut to length) |
| GA4123 | Aluminium covering for 12 mm clamp consisting of 2 clamp pelmets and 2 end pieces.<br>Length of clamp pelmets = 3 m (cut to length)   |
| GA4421 | Aluminium covering for 15 mm clamp consisting of 2 clamp pelmets and 2 end pieces.<br>Length of clamp pelmets = 1.5 m (cut to length) |
| GA4423 | Aluminium covering for 15 mm clamp consisting of 2 clamp pelmets and 2 end pieces.<br>Length of clamp pelmets = 3 m (cut to length)   |

Note: Clamp pelmets are optional



Long clamp covering



Clamp covering

#### Clamp covering:



pelmet end pieces

+

clamp pelmets

\* Coverings are made of anodised aluminium. They are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

Straight sliding Systems for glass doors of 12 or 15 mm thickness, combining refined design with smooth rolling.

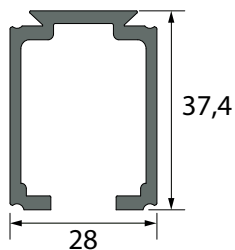
- Thanks to the clamp, there is no need to drill the glass in any way.
- Comfortable: the damper closer system M66 for gentle closing of doors (automatically follows door to its closed position over 100 mm); and hydraulic closer stop allows doors to open softly.
- Practical: the clamp can be mounted with or without pelmet (no drilling on the visible side).
- Clever: Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects.

mounting video



12 - 15 mm

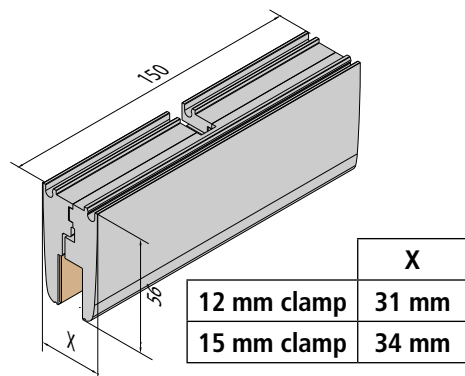
SAFGLASS PINCE 120®



**Track 11312/...**  
(2 - 3 - 5 - 6 m)

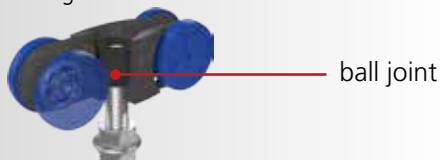


The clamp can be mounted with or without pelmet (no drilling on visible side)

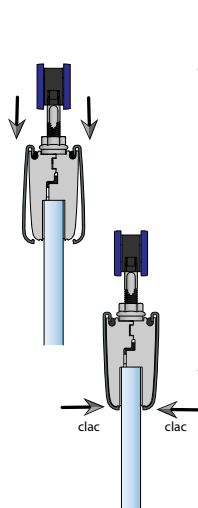
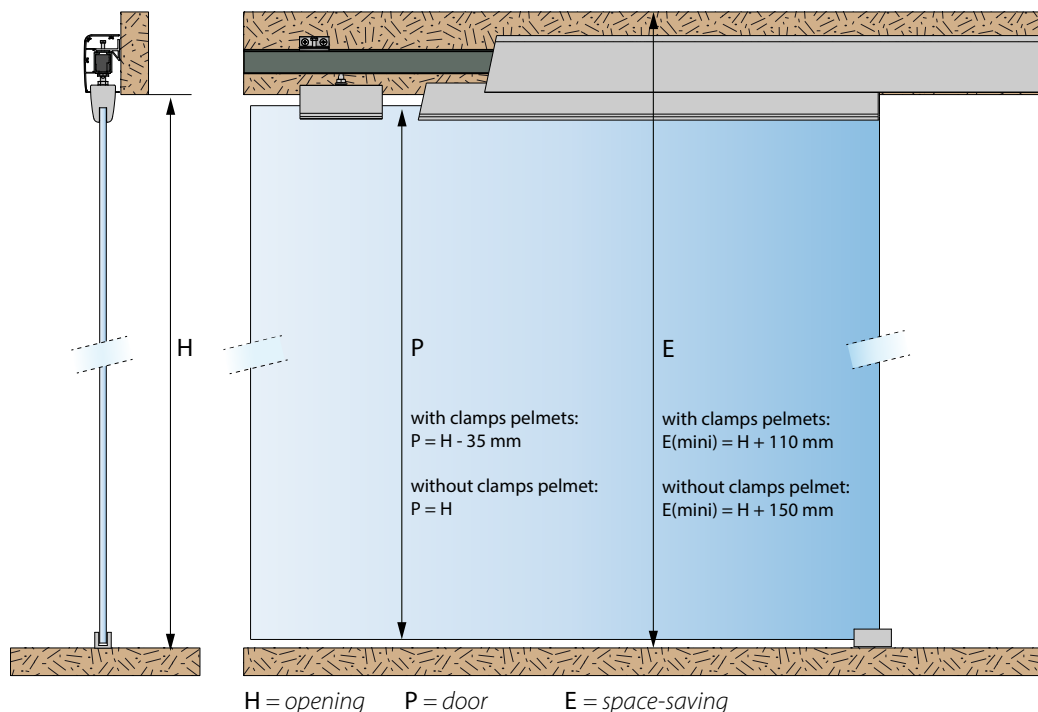


### CLEVER:

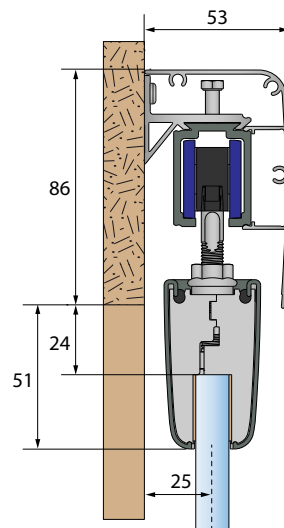
Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects



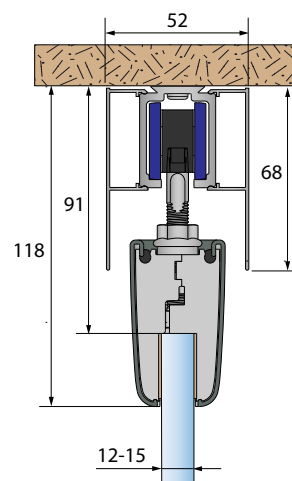
## SAFGLASS PINCE 120®



Mounting of clamps covering simple and fast



Fixing on the wall



Fixing on the ceiling



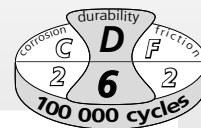


# Synchronised straight sliding system for double glass door / 8-10-12 mm

## SAFGLASS SYNCHRO®

See details of the standard EN 1527 page 4

Synchronised sliding systems are not concerned by the standard EN 1527



|                |                |
|----------------|----------------|
| CAPACITY/DOOR  | 80 KG          |
| DOOR THICKNESS | 8 - 10 - 12 MM |
| TRACK          | ALUMINIUM      |
| MOVEMENT       | STRAIGHT       |

### TRACKS & PELMETS

| Item Nr.  | Description  |
|-----------|--|
| 11108/... | Anodised aluminium track, 33 x 27 mm cross-section drilled every 0.44 m, in lengths of 2 / 2.5 / 3 / 4 / 5 or 6 m. |
| 11011/... | Snap-on anodised aluminium pelmet*. To be used for ceiling mounting. Height = 63 mm - Length = 2 / 4 or 6 m.       |
| 11041/... | Snap-on anodised aluminium pelmet*. To be used for wall mounting. Height = 86 mm - Length = 2 / 3 / 4 or 6 m.      |
| 11045     | Set of painted aluminium end pieces for 11041/... pelmets*RAL5803  |



\* Pelmets and end pieces are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

See clamps covering p. 8 and 10

### GEAR FOR SAFGLASS PINCE 80 SYNCHRONISED - 8 MM FOR DOUBLE DOOR (2.2 M OPENING MAX.)

|        |   |
|--------|---|
| GA5071 | <p>Gear for two <b>8 mm</b> doors including:</p> <ul style="list-style-type: none"> <li>- 4 rollers with precision bearings and 4 aluminium clamps</li> <li>- 2 end stops 11213N</li> <li>- 2 damper closer systems M66</li> <li>- 1 cable 1.5 mm Ø 10 m long</li> <li>- 1 translucent adhesive seal to be fitted on door edge to dampen closure. L = 3 m.</li> <li>- Fasteners on short clamps</li> <li>- 2 lower guides in stainless steel</li> <li>- 1 spirit level for the track adjustment (bulby®)</li> <li>- 4 cleaning wipes for the degreasing of the glass before clamp fitting</li> <li>- Tools and installation instructions</li> </ul> |
|--------|---|

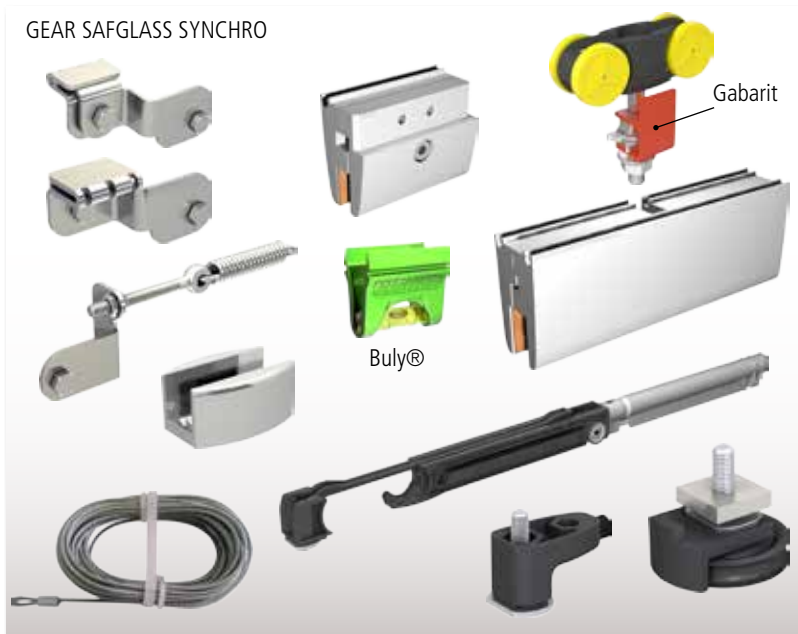
### GEAR FOR SAFGLASS PINCE 80 SYNCHRONISED - 10 MM FOR DOUBLE DOOR (2.2 M OPENING MAX.)

|        |  |
|--------|--|
| GA5072 | <p>Gear for two <b>10 mm</b> doors including:</p> <ul style="list-style-type: none"> <li>- 4 rollers with precision bearings and 4 aluminium clamps</li> <li>- 2 end stops 11213N</li> <li>- 2 damper closer systems M66</li> <li>- 1 cable 1.5 mm Ø 10 m long</li> <li>- 1 translucent adhesive seal to be fitted on door edge to dampen closure. L = 3 m.</li> <li>- Fasteners on short clamps</li> <li>- 2 lower guides in stainless steel</li> <li>- 1 spirit level for the track adjustment (bulby®)</li> <li>- 4 cleaning wipes for the degreasing of the glass before clamp fitting</li> <li>- Tools and installation instructions</li> </ul> |
|--------|--|

### GEAR FOR SAFGLASS PINCE 80 SYNCHRONISED - 12 MM FOR DOUBLE DOOR (2.2 M OPENING MAX.)

|        |  |
|--------|--|
| GA5073 | <p>Gear for two <b>12 mm</b> doors including:</p> <ul style="list-style-type: none"> <li>- 4 rollers with precision bearings and 4 aluminium clamps</li> <li>- 2 end stops 11213N</li> <li>- 2 damper closer systems M66</li> <li>- 1 cable 1.5 mm Ø 10 m long</li> <li>- 1 translucent adhesive seal to be fitted on door edge to dampen closure. L = 3 m.</li> <li>- Fasteners on short clamps</li> <li>- 2 lower guides in stainless steel</li> <li>- 1 spirit level for the track adjustment (bulby®)</li> <li>- 4 cleaning wipes for the degreasing of the glass before clamp fitting</li> <li>- Tools and installation instructions</li> </ul> |
|--------|--|

### GEAR SAFGLASS SYNCHRO

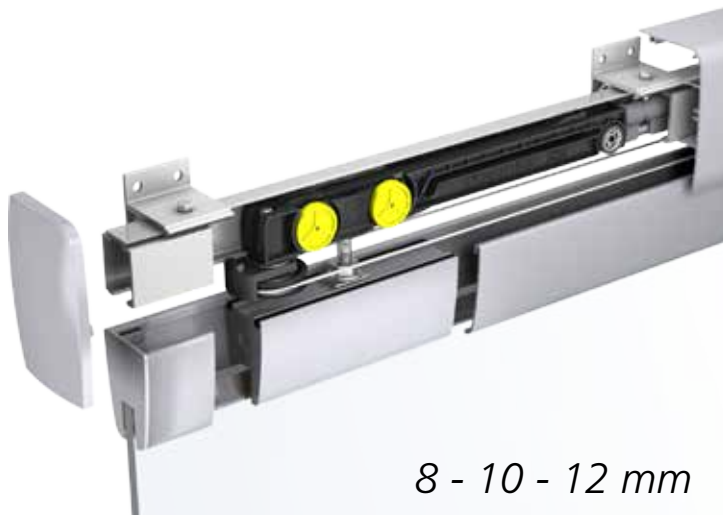


The choice of synchronisation system is based on the thickness of the glass.

See accessories p. 36

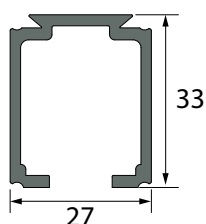
Synchronised straight sliding system for double glass door of 8 - 10 or 12 mm thickness, combining refined design with smooth rolling.

- The choice of synchronisation system is based on the thickness of the glass and on the weight of the doors.
- Thanks to the clamp, there is no need to drill the glass in any way.
- Practical: the clamp can be mounted with or without pelmet (no drilling on the visible side).
- Clever: Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects.

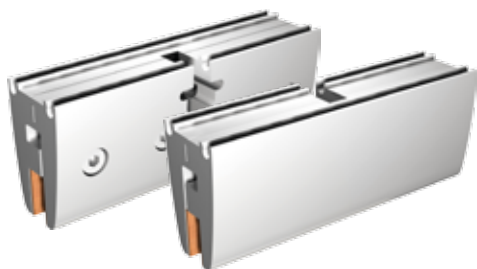


8 - 10 - 12 mm

SAFGLASS SYNCHRO®



**Track 11108/...**  
(2 - 2.5 - 3 - 4 - 5 - 6 m)



The clamp can be mounted with or without pelmet (no drilling on visible side)

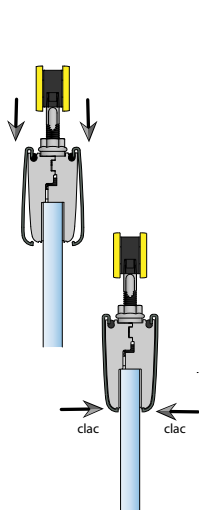
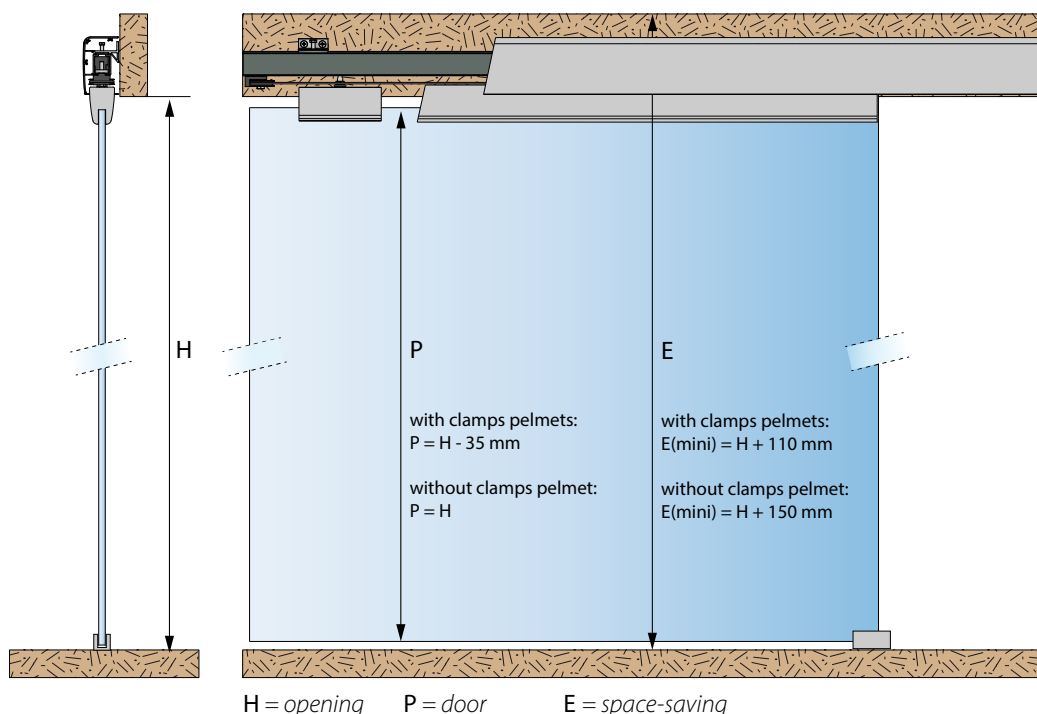
**CLEVER:**

Rollers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects

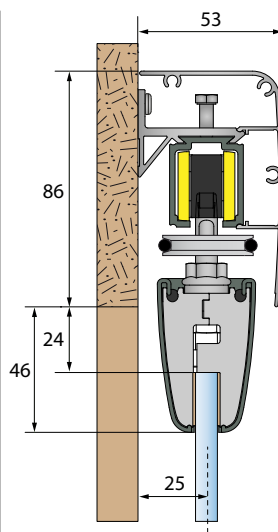


ball joint

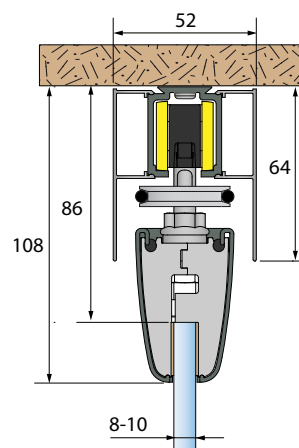
## SAFGLASS SYNCHRO®



Mounting of clamps covering simple and fast



Fixing on the wall

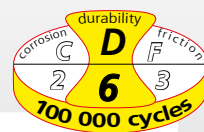


Fixing on the ceiling



# Straight sliding system for glass door / **Fixing on the wall** **INTEC®**

See details of the standard EN 1527 page 4



|                |           |
|----------------|-----------|
| CAPACITY/DOOR  | 80 KG     |
| DOOR THICKNESS | 8 - 10 MM |
| TRACK          | ALUMINIUM |
| MOVEMENT       | STRAIGHT  |

## READY-TO-INSTALL SET - 1 LEAF - THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with wall mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 1 roller kit with clamps and damper
- 2 end stops
- 2 anodised aluminium end caps
- 2 fastening clips for pelmet
- 1 lower guide
- Installation instructions and tools

| Item Nr. | Description                     |
|----------|---------------------------------|
| GB0100   | For opening of 0.73 m to 0.83 m |
| GB0101   | For opening of 0.83 m to 0.93 m |
| GB0102   | For opening of 0.93 m to 1.13 m |
| GB0103   | For opening of 1.13 m to 1.33 m |

## READY-TO-INSTALL SET - 2 LEAVES - THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with wall mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 2 roller kits with clamps and dampers
- 4 end stops
- 2 anodised aluminium end caps
- 3 fastening clips for pelmet
- 2 lower guides and 1 translucent adhesive seal for door edge
- Installation instructions and tools

| Item Nr. | Description                     |
|----------|---------------------------------|
| GB0111   | For opening of 1.53 m to 1.73 m |
| GB0113   | For opening of 1.73 m to 1.93 m |
| GB0115   | For opening of 1.93 m to 2.13 m |
| GB0117   | For opening of 2.13 m to 2.33 m |
| GB0119   | For opening of 2.33 m to 2.53 m |

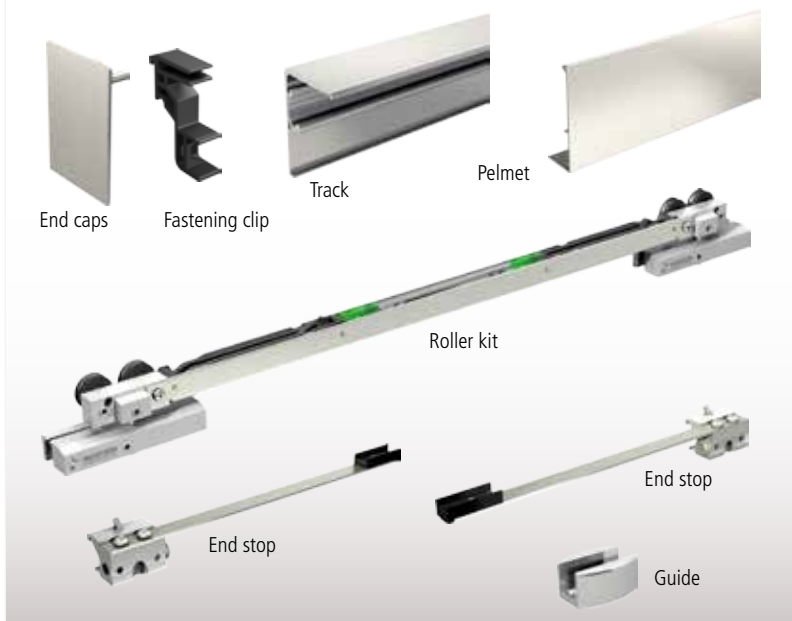
## READY-TO-INSTALL SET - 2 SYNCHRONISED LEAVES THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with wall mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 2 roller kits with clamps and dampers
- 1 cable-operated synchronisation kit
- 4 end stops
- 2 anodised aluminium end caps
- 3 fastening clips for pelmet
- 2 lower guides and 1 translucent adhesive seal for door edge
- Installation instructions and tools

| Item Nr. | Description                     |
|----------|---------------------------------|
| GB0110   | For opening of 1.33 m to 1.53 m |
| GB0112   | For opening of 1.53 m to 1.73 m |
| GB0114   | For opening of 1.73 m to 1.93 m |
| GB0116   | For opening of 1.93 m to 2.13 m |
| GB0118   | For opening of 2.13 m to 2.33 m |
| GB0120   | For opening of 2.33 m to 2.53 m |

### SET CONTENTS



### SYNCHRONISATION KIT



See accessories p. 36



## Fixing on the wall

Straight sliding system for single or double panels of 8 or 10 mm thickness. The clamps are integrated in the track for invisible fittings.

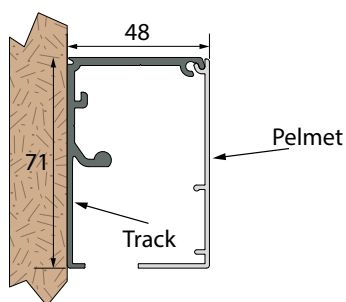
- Practice: 1 set for both panels thickness
- The smallest door/wall clearance on the market: from 7 to 18 mm (adjustable)
- Quick and easy installation: one-piece hanger/damper kit
- Integrated door closing damper (closing and opening)
- Wall-mounted installation



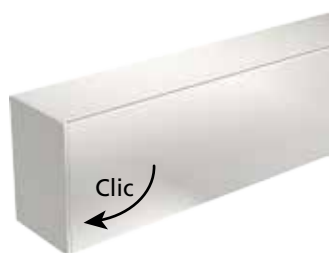
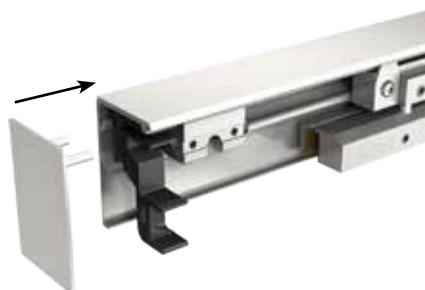
8 - 10 mm

INTEC®

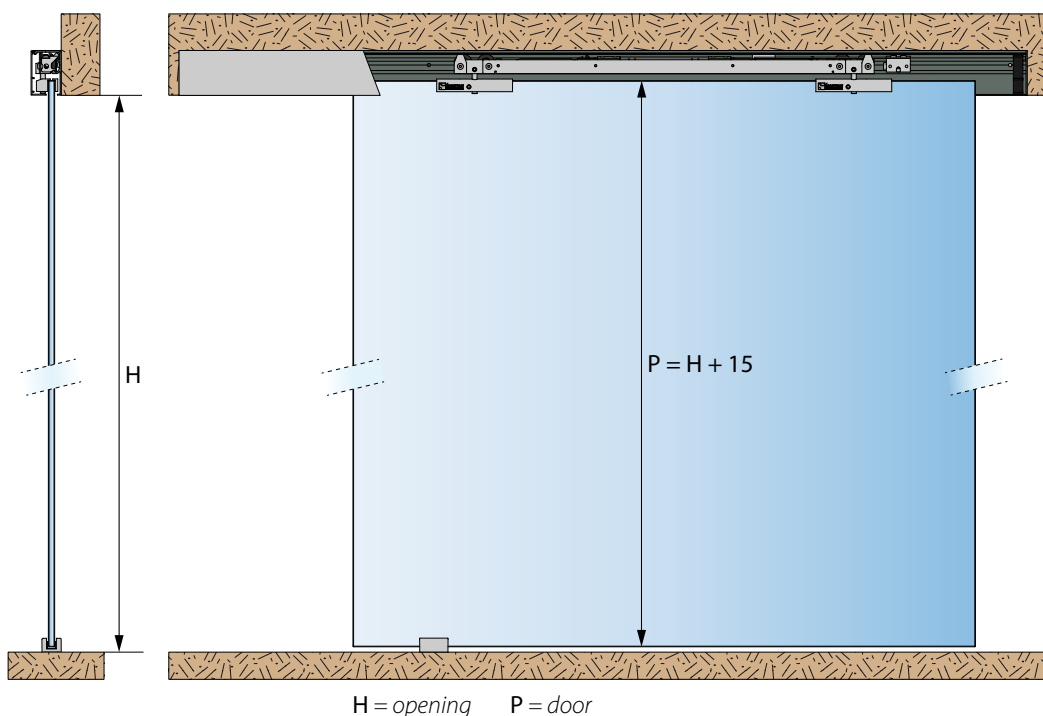
INTEC®



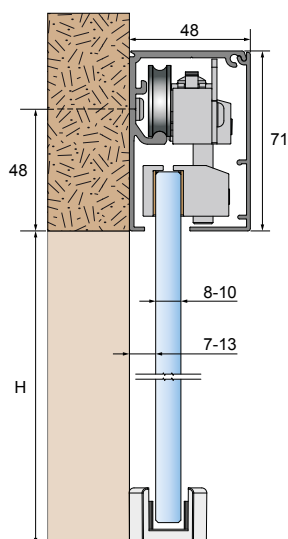
Wall-mounted Track + pelmet



Easy mounting of the pelmet

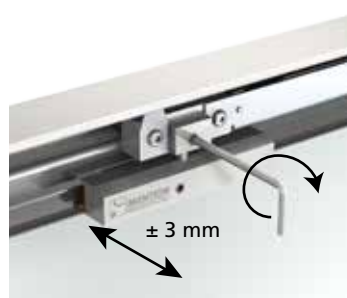


H = opening P = door



Fixing on the wall

Adjustment of the clamp:  
Quick, easy, and precise worm drive adjustment system



Lateral adjustment

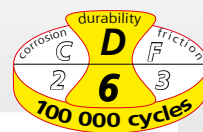


Height adjustment



# Straight sliding system for glass door / **fixing on the ceiling** **INTEC®**

See details of the standard EN 1527 page 4



|                |           |
|----------------|-----------|
| CAPACITY/DOOR  | 80 KG     |
| DOOR THICKNESS | 8 - 10 MM |
| TRACK          | ALUMINIUM |
| MOVEMENT       | STRAIGHT  |

## READY-TO-INSTALL SET - 1 LEAF - THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with ceiling mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 1 roller kit with clamps and damper
- 2 end stops
- 2 anodised aluminium end caps
- 2 fastening clips for pelmet
- 1 lower guide
- Installation instructions and tools

| Item Nr. | Description                     |
|----------|---------------------------------|
| GB0200   | For opening of 0.73 m to 0.83 m |
| GB0201   | For opening of 0.83 m to 0.93 m |
| GB0202   | For opening of 0.93 m to 1.13 m |
| GB0203   | For opening of 1.13 m to 1.33 m |

## READY-TO-INSTALL SET - 2 LEAVES - THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with ceiling mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 2 roller kits with clamps and dampers
- 4 end stops
- 2 anodised aluminium end caps
- 3 fastening clips for pelmet
- 2 lower guides and 1 translucent adhesive seal for door edge
- Installation instructions and tools

| Item Nr. | Description                     |
|----------|---------------------------------|
| GB0211   | For opening of 1.53 m to 1.73 m |
| GB0213   | For opening of 1.73 m to 1.93 m |
| GB0215   | For opening of 1.93 m to 2.13 m |
| GB0217   | For opening of 2.13 m to 2.33 m |
| GB0219   | For opening of 2.33 m to 2.53 m |

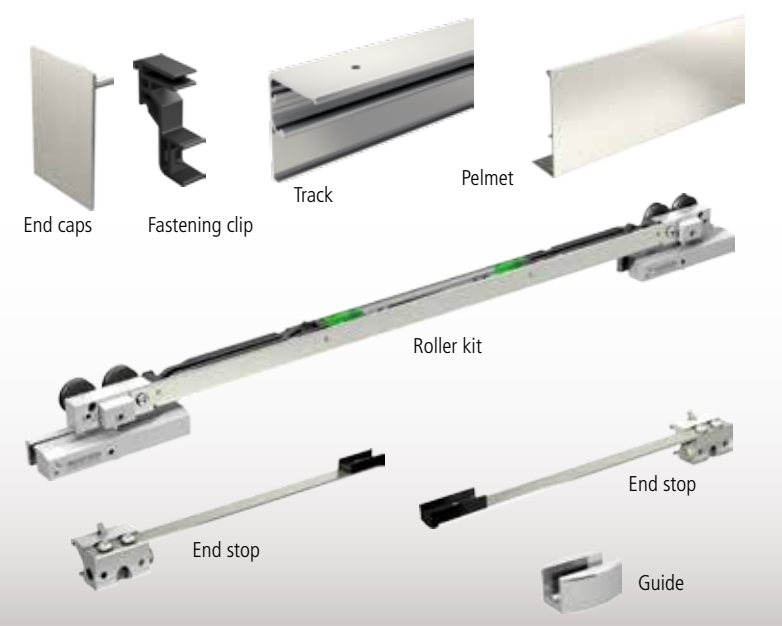
## READY-TO-INSTALL SET - 2 SYNCHRONISED LEAVES THICKNESS 8 AND 10 MM

Set includes:

- 1 anodised aluminium track with ceiling mounting holes - cut to length
- 1 anodised aluminium track pelmet - cut to length
- 2 roller kits with clamps and dampers
- 1 cable-operated synchronisation kit
- 4 end stops
- 2 anodised aluminium end caps
- 3 fastening clips for pelmet
- 2 lower guides and 1 translucent adhesive seal for door edge
- Installation instructions and tools

| Item Nr. | Description                     |
|----------|---------------------------------|
| GB0210   | For opening of 1.33 m to 1.53 m |
| GB0212   | For opening of 1.53 m to 1.73 m |
| GB0214   | For opening of 1.73 m to 1.93 m |
| GB0216   | For opening of 1.93 m to 2.13 m |
| GB0218   | For opening of 2.13 m to 2.33 m |
| GB0220   | For opening of 2.33 m to 2.53 m |

## SET CONTENTS



## SYNCHRONISATION KIT

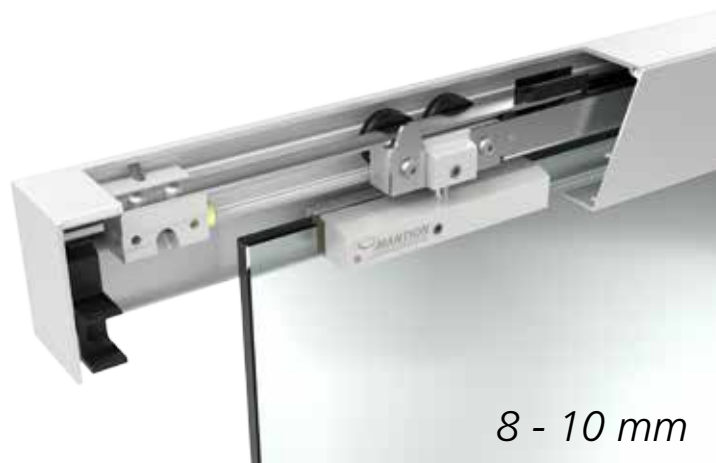


See accessories p. 36

## fixing on the ceiling

Straight sliding system for single or double panels of 8 or 10 mm thickness. The clamps are integrated in the track for invisible fittings.

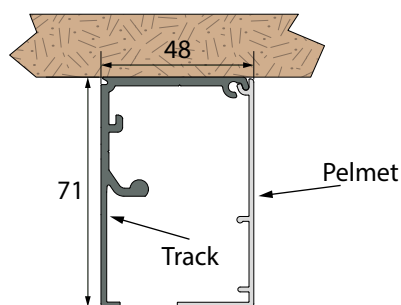
- Practice: 1 set for both panels thickness
- The smallest door/wall clearance on the market: from 7 to 18 mm (adjustable)
- Quick and easy installation: one-piece hanger/damper kit
- Integrated door closing damper (closing and opening)
- Ceiling-mounted installation



8 - 10 mm

INTEC®

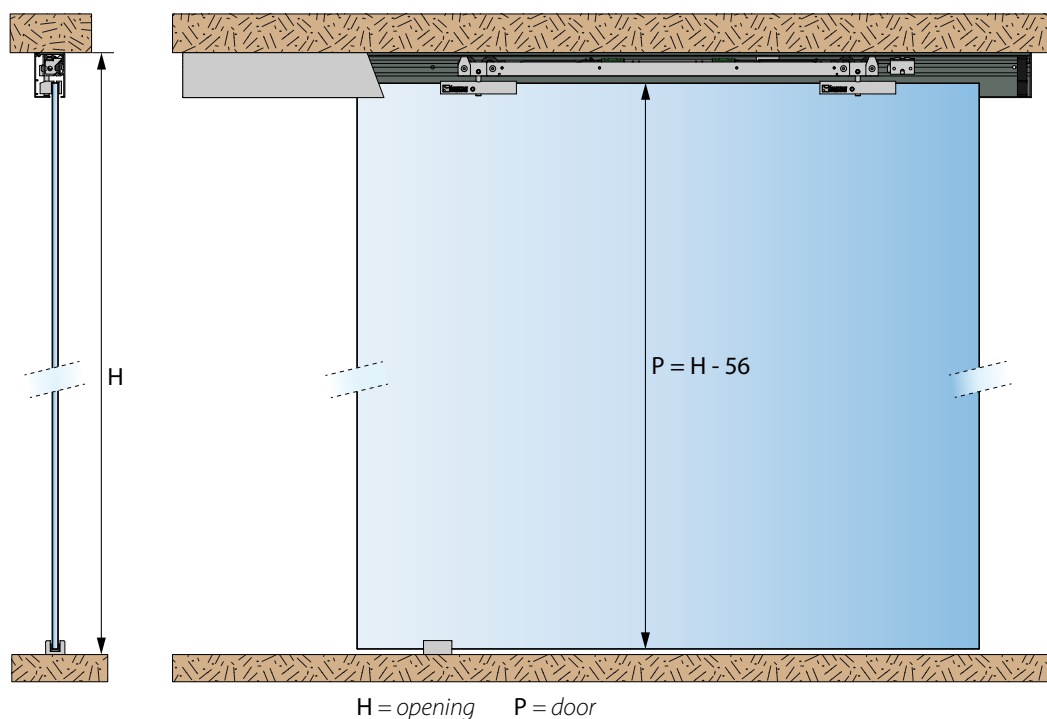
INTEC®



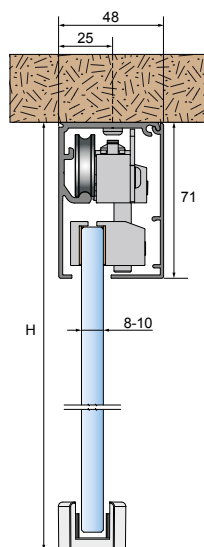
Ceiling-mounted Track + pelmet



Easy mounting of the pelmet



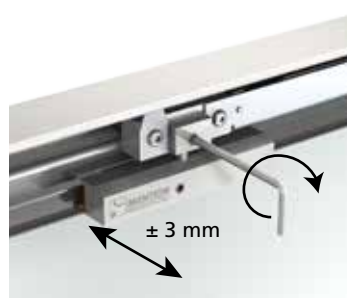
H = opening P = door



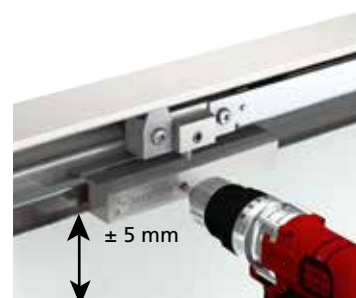
Fixing on the ceiling

Adjustment of the clamp:

Quick, easy, and precise worm drive adjustment system



Lateral adjustment



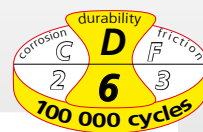
Height adjustment



# Straight sliding system for glass door / **Ceiling-mounted installation with fixed glass partition**

## INTEC®

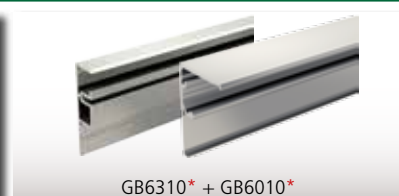
See details of the standard EN 1527 page 4



|                |           |
|----------------|-----------|
| CAPACITY/DOOR  | 80 KG     |
| DOOR THICKNESS | 8 - 10 MM |
| TRACK          | ALUMINIUM |
| MOVEMENT       | STRAIGHT  |

### TRACKS AND PELMET - ITEMS AVAILABLE BY PIECE

| Item Nr.      | Description  |
|---------------|--|
| <b>GB6010</b> | Anodised aluminium track. Length = 6 m*  |
| <b>GB5015</b> | Drilling jig for track <b>GB6010</b> .   |
| <b>GB6310</b> | Anodised aluminium Profile for installation of the fixed glass panel. To be screwed on the track - Length = 6 m*   |
| <b>GB6000</b> | Anodised aluminium pelmet to be clipped on the track. Length = 6 m*  |
| <b>GB6320</b> | Anodised aluminium Profile to hide the fixed partition in the opening bay . Length = 3 m*                          |
| <b>GB6331</b> | Anodised aluminium U-Profile to be screwed into floor and wall to retain the fixed glass partition - Length = 3 m* |
| <b>GB6330</b> | Anodised aluminium U-Profile to be screwed into floor and wall to retain the fixed glass partition - Length = 6 m* |
| <b>GB5350</b> | Grey seal for glass, lengths upon request.   |
| <b>GB5351</b> | Translucent adhesive seal for sticking on the edge of the glass panel. Length = 3 m                                |
| <b>GB3000</b> | Set of anodised aluminium end caps with fixed glass partition.   |
| <b>GB3300</b> | Set of anodised aluminium end caps.  |
| <b>GB5355</b> | Stainless steel end caps for U-Profile. Suitable for references <b>GB6330</b> and <b>GB6331</b> .                  |



\* special length on request

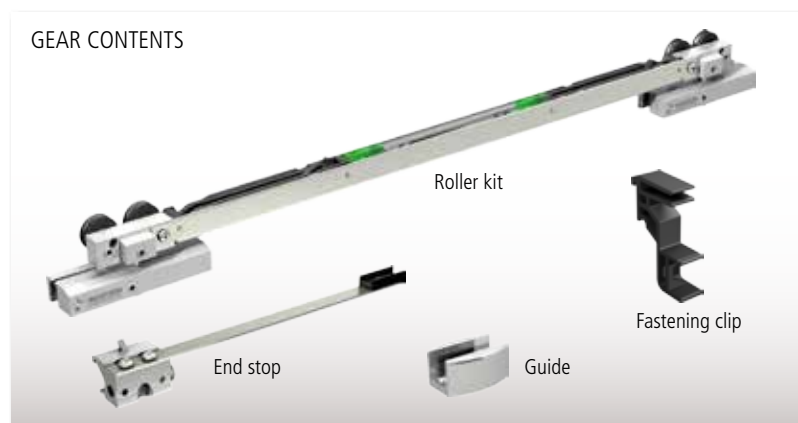
### GEAR FOR 1 LEAF -THICKNESS 8 AND 10 MM

|               |  |
|---------------|--|
| <b>GB5000</b> | Hardware for opening of <b>0.73 m to 0.83 m</b> including:<br>- 1 roller kit with clamps and damper<br>- 2 end stops<br>- 2 fastening clips for pelmet<br>- 1 lower guide<br>- Installation instructions and tools |
| <b>GB5001</b> | Hardware for opening of <b>0.83 m to 1.33 m</b> including:<br>- 1 roller kit with clamps and damper<br>- 2 end stops<br>- 2 fastening clips for pelmet<br>- 1 lower guide<br>- Installation instructions and tools |

### GEAR FOR 2 SYNCHRONISED LEAVES -THICKNESS 8 AND 10 MM

|               |   |
|---------------|---|
| <b>GB5002</b> | Hardware for opening of <b>1.33 m to 1.53 m</b> including:<br>- 2 roller kits with clamps and dampers<br>- 1 cable-operated synchronisation kit<br>- 4 end stops<br>- 3 fastening clips for pelmet<br>- 2 lower guides and 1 translucent adhesive seal for door edge<br>- Installation instructions and tools |
| <b>GB5003</b> | Hardware for opening of <b>1.53 m to 1.73 m</b> including:<br>- 2 roller kits with clamps and dampers<br>- 1 cable-operated synchronisation kit<br>- 4 end stops<br>- 3 fastening clips for pelmet<br>- 2 lower guides and 1 translucent adhesive seal for door edge<br>- Installation instructions and tools |
| <b>GB5004</b> | Hardware for opening of <b>1.73 m to 2.53 m</b> including:<br>- 2 roller kits with clamps and dampers<br>- 1 cable-operated synchronisation kit<br>- 4 end stops<br>- 3 fastening clips for pelmet<br>- 2 lower guides and 1 translucent adhesive seal for door edge<br>- Installation instructions and tools |

### GEAR CONTENTS



### SYNCHRONISATION KIT



See accessories p. 36



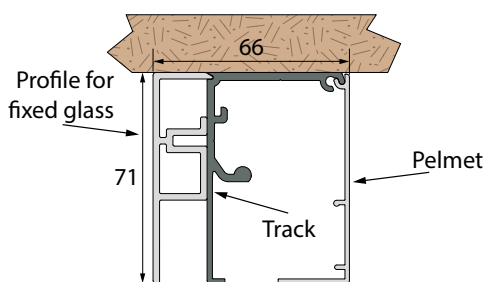
Straight sliding system for single or double panels of 8 or 10 mm thickness. The clamps are integrated in the track for invisible fittings.

- Practice: 1 set for both panels thickness
- The smallest door/wall clearance on the market: from 7 to 18 mm (adjustable)
- Quick and easy installation: one-piece hanger/damper kit
- Integrated door closing damper (closing and opening)
- Ceiling-mounted installation with fixed glass partition

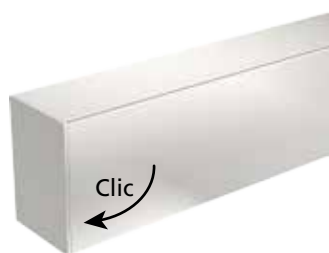
## Ceiling-mounted installation with fixed glass partition



INTEC®

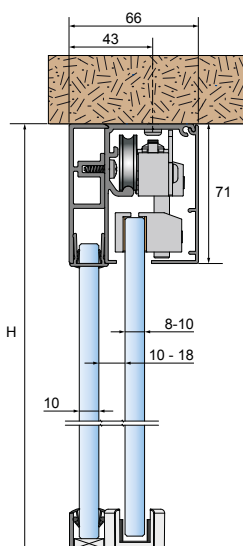
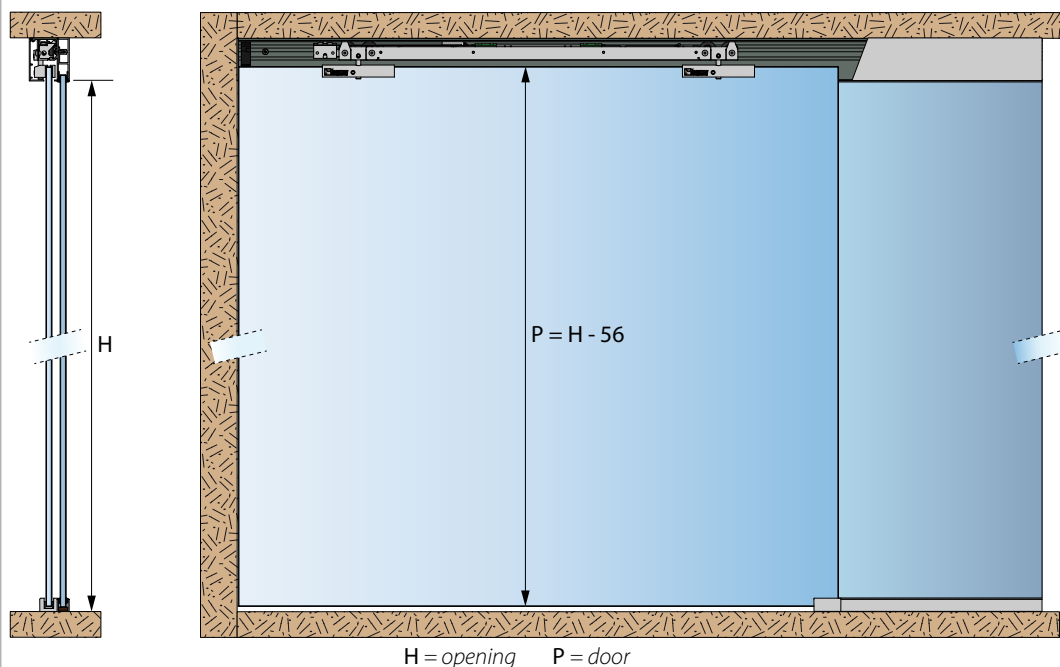


**Ceiling-mounted track with profile for the fixed glass**



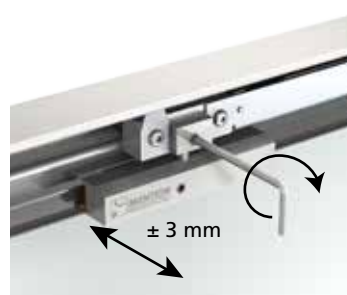
Easy mounting of the pelmet

INTEC®



Fixing on the ceiling with fixed glass

Adjustment of the clamp:  
Quick, easy, and precise worm drive adjustment system



Lateral adjustment



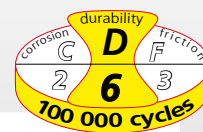
Height adjustment



# Frame for sliding pocket glass doors

## SAFGLASS-INSIDE®

See details of the standard EN 1527 page 4



|                |           |
|----------------|-----------|
| CAPACITY/DOOR  | 80 KG     |
| DOOR THICKNESS | 8 MM      |
| TRACK          | ALUMINIUM |
| MOVEMENT       | STRAIGHT  |

### SET FOR SINGLE DOOR (8 MM)

| ITEM. NR          | Opening<br>LO x HO  | Free Passage Lp<br>Flush pull / bar pull | Space RQT<br>LT x HT | Finished<br>Wall | Internal<br>Passage | Door*<br>L x H         |
|-------------------|---|--|----------------------|------------------|---------------------|------------------------|
| SAF-INSIDECO70    | 695 x 2040  | 695 / 595                                | 1510 x 2140          | 100              | 55                  | 735 x 2015             |
| SAF-INSIDECO80    | 795 x 2040  | 795 / 695                                | 1710 x 2140          | 100              | 55                  | 835 x 2015             |
| SAF-INSIDECO789F  | Cladding kit for MDF door frame - suitable for both items above |  |                      |                  |                     | *8 mm THK<br>80 Kg max |
| SAF-INSIDECO90    | 895 x 2040  | 895 / 795                                | 1910 x 2140          | 100              | 55                  | 935 x 2015             |
| SAF-INSIDECO100   | 995 x 2040  | 995 / 895                                | 2110 x 2140          | 100              | 55                  | 1035 x 2015            |
| SAF-INSIDECO9109F | Cladding kit for MDF door frame - suitable for both items above |  |                      |                  |                     | *8 mm THK<br>80 Kg max |

### SET FOR DOUBLE DOOR (8 MM)

| ITEM. NR         | Opening<br>LO x HO  | Free Passage Lp<br>Flush pull / bar pull | Space RQT<br>LT x HT | Finished<br>Wall | Internal<br>Passage | Door*<br>L x H         |
|------------------|---|--|----------------------|------------------|---------------------|------------------------|
| SAF-INSIDECO140  | 1385 x 2040   | 1385 / 1185                              | 2915 x 2140          | 100              | 55                  | 735 x 2015             |
| SAF-INSIDECO160  | 1585 x 2040   | 1585 / 1385                              | 3315 x 2140          | 100              | 55                  | 835 x 2015             |
| SAF-INSIDECO469F | Cladding kit for MDF door frame - suitable for both items above |  |                      |                  |                     | *8 mm THK<br>80 Kg max |
| SAF-INSIDECO180  | 1785 x 2040   | 1785 / 1585                              | 3715 x 2140          | 100              | 55                  | 935 x 2015             |
| SAF-INSIDECO200  | 1985 x 2040   | 1985 / 1785                              | 4115 x 2140          | 100              | 55                  | 1035 x 2015            |
| SAF-INSIDECO829F | Cladding kit for MDF door frame - suitable for both items above |  |                      |                  |                     | *8 mm THK<br>80 Kg max |

### SETS composition:

- 1 frame box and galvanised steel structure
- 1 reinforcement on frame side and
- 1 wooden track holder
- 1 assembled aluminium track
- 2 rollers (with ball bearings) + plates
- 2 end stops (adjustable stop for closing)
- 1 stainless steel guide
- Screws and bolts - tool - installation instructions

### SETS composition:

- 2 frame boxes and galvanised steel structure
- 2 wooden track holders
- 2 assembled aluminium tracks with sleeve
- 4 rollers (with ball bearings) + plates
- 4 end stops (adjustable stop for closing)
- 2 stainless steel guides
- Screws and bolts - tool - installation instructions

synchronization kit in option.

### SYNCHRONISATION KIT FOR DOUBLE DOORS

|        |   |
|--------|---|
| GA5001 | Kit for synchronising 2 8 mm doors (2.20 m opening max.):<br>- 2 return pulleys<br>- 1 cable 1.5 mm Ø 10 m long<br>- 2 clamps and 3 mounting brackets<br>- Fixing screw and installation instructions |
|--------|---|

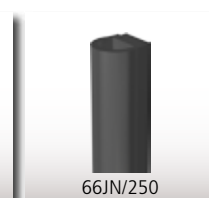
### SEAL

|          |   |
|----------|---|
| GB5351   | Translucent adhesive seal for sticking on the edge of the glass panel.<br>Length = 3 m. |
| 66JN/250 | Black adhesive seal for sticking on the edge of the glass panel.<br>Length = 2.5 m.     |

### SYNCHRONISATION KIT



GB5351

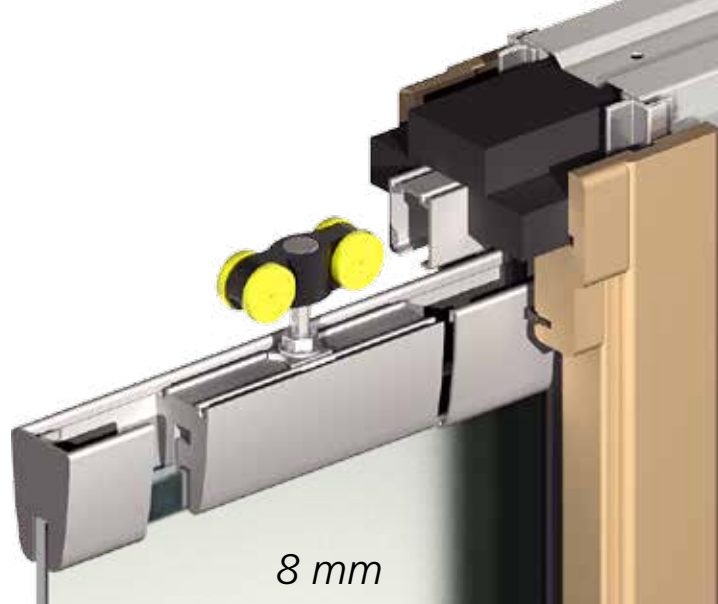


66JN/250

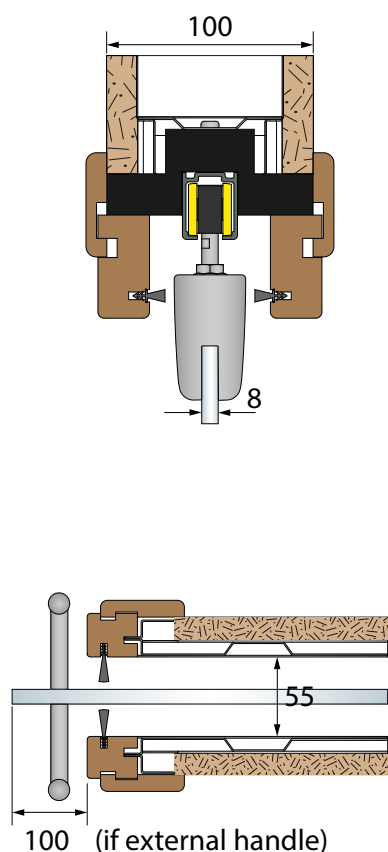
See accessories p. 36

Reinforced frame for sliding pocket glass doors. Suitable for 8 mm glass doors thickness.

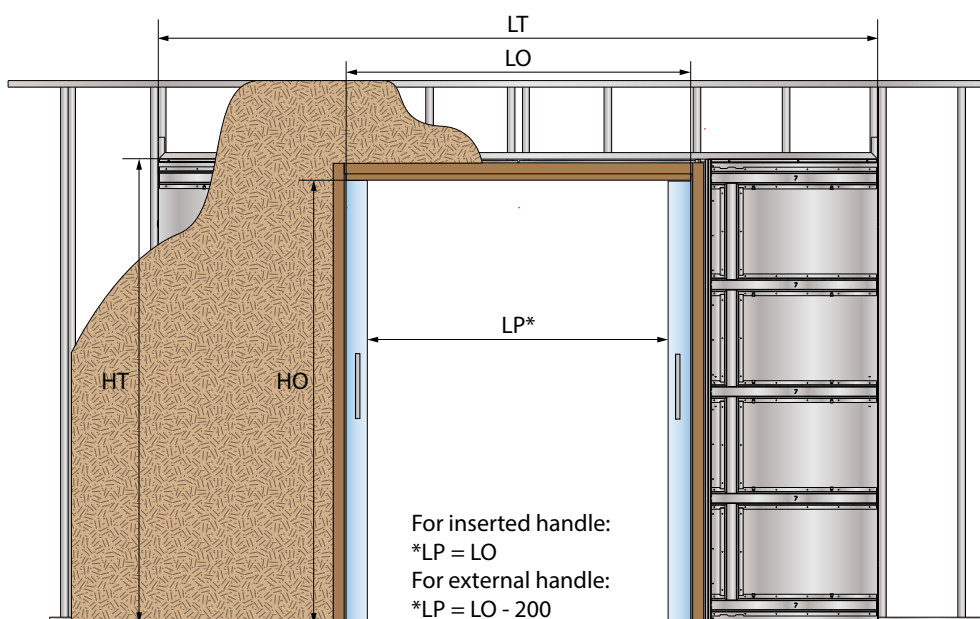
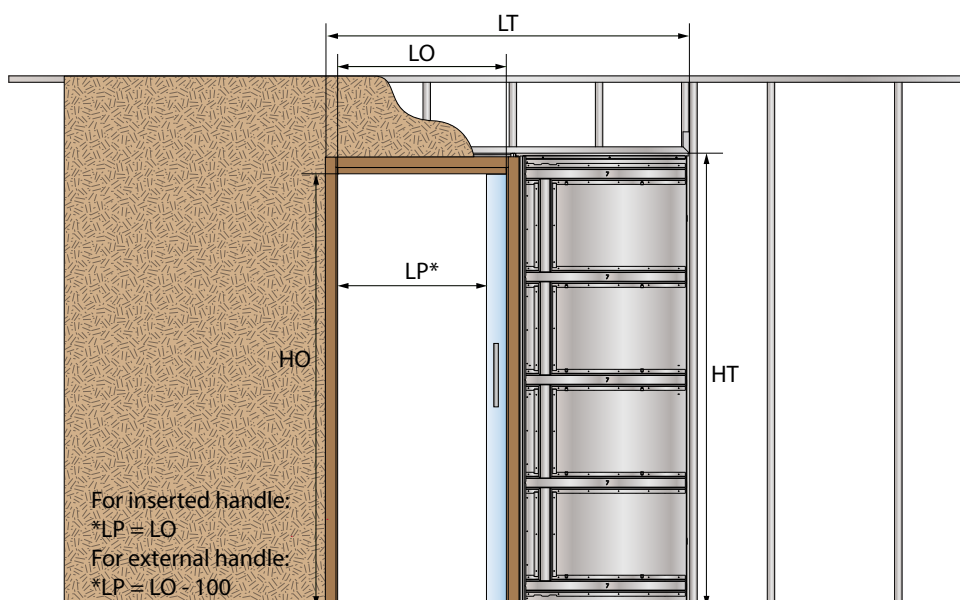
- **SOLID:** Vertical opening reinforcements for higher inertia making the Manton frame box one of the most robust on the market
- **SILENT:** Resulting from many hours of design and testing, our new fittings provide unmatched effortless and silent movement (100 000 cycles guaranteed!)
- **PRACTICE:** Thanks to the clamp, there is no need to drill the glass in any way.
- **CONVENIENT:** Door stop (adjustable clamping force) allowing you to lock the door in open or closed position Optional soft-close damper system



SAFGLASS-INSIDE®



## SAFGLASS-INSIDE®



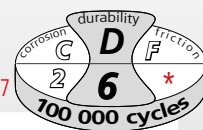


## Self closing sliding system for glass doors

### SOFTCLOSE-GLASS®

See details of the standard EN 1527 page 4

\*Operated sliding systems not concerned by the standard EN 1527



|                |           |
|----------------|-----------|
| CAPACITY/DOOR  | 80 KG     |
| DOOR THICKNESS | 8 - 10 MM |
| TRACK          | ALUMINIUM |
| MOVEMENT       | STRAIGHT  |

#### READY-TO-INSTALL SET - THICKNESS 8 MM

| Item Nr.   | Description                     |
|--|---------------------------------|
| Set includes:  |                                 |
| - 1 anodised aluminium track   |                                 |
| - 1 anodised aluminium track pelmet with 2 ends caps and 2 pelmet brackets |                                 |
| - 2 anodised aluminium clamps*   |                                 |
| - 2 rollers with ball bearings mounted on plates                           |                                 |
| - 1 clamp covering (2 clamp pelmets and 2 end pieces (anodised effect))    |                                 |
| - 1 hydraulic brake  |                                 |
| - 1 rack   |                                 |
| - 1 door closing device (spiral spring)                                    |                                 |
| - 2 stops  |                                 |
| - 1 lower guide  |                                 |
| - Installation instructions and tools                                      |                                 |
| SC-70GA8   | For opening of 0.65 m to 0.70 m |
| SC-80GA8   | For opening of 0.75 m to 0.80 m |
| SC-90GA8   | For opening of 0.85 m to 0.90 m |
| SC-100GA8  | For opening of 0.95 m to 1.0 m  |
| SC-145GA8  | For opening of 1.40 m to 1.45 m |

\*Clamp is suitable for Securit glass and does not require any drilling of the glass panel.

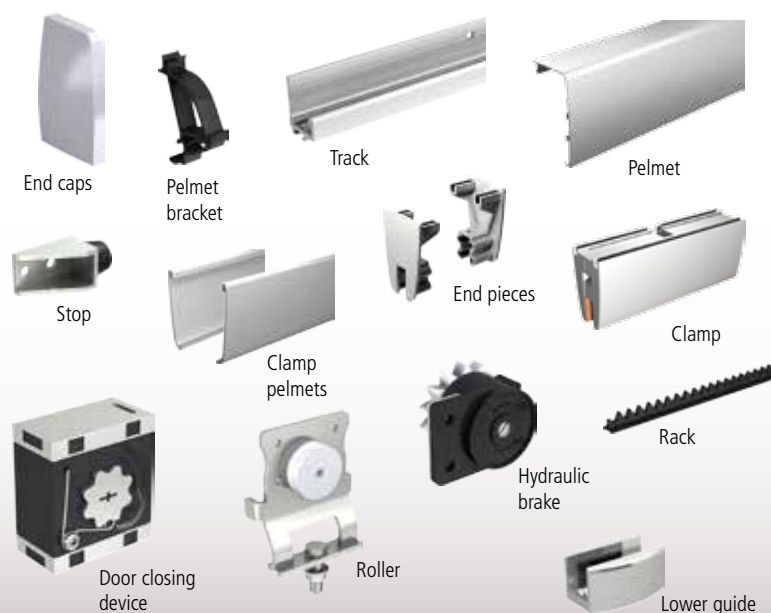
#### READY-TO-INSTALL SET - THICKNESS 10 MM

|                |                                 |
|----------------|---------------------------------|
| Set includes:  |                                 |
| Ditto 8 mm set |                                 |
| SC-70GA10      | For opening of 0.65 m to 0.70 m |
| SC-80GA10      | For opening of 0.75 m to 0.80 m |
| SC-90GA10      | For opening of 0.85 m to 0.90 m |
| SC-100GA10     | For opening of 0.95 m to 1.0 m  |

#### OPTION CLOSING

|         |   |
|---------|---|
| 3012CSC | Additional rack (L = 570 mm) allowing to increase the closing timing (for kit SC-145GA8 use 2 racks). |
| SC-TR   | Timer on the right side: the door stays opened until 60 seconds before closing                        |
| SC-TL   | Ditto for the left side   |

#### SET CONTENTS

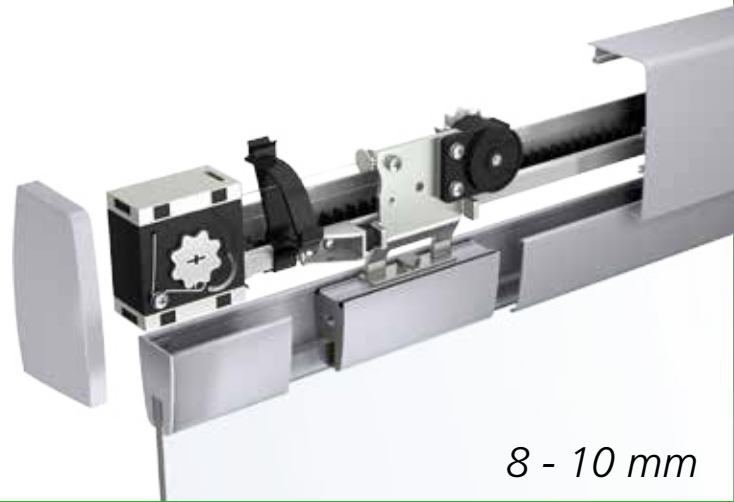


See accessories p. 36



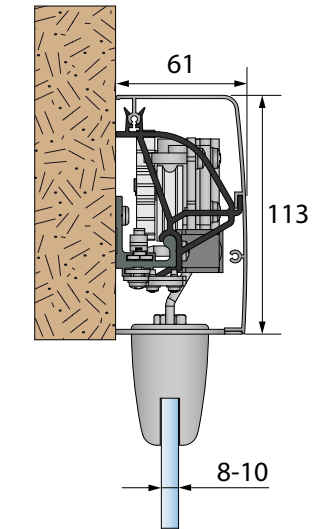
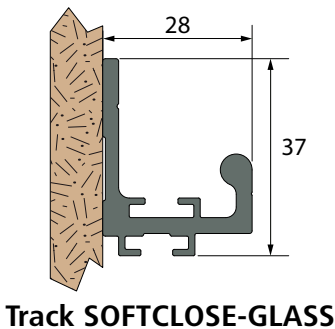
Self closing sliding system designed for aeras that must stay closed. Suitable for doors of 8 and 10 mm thickness.

- PRACTICAL: 5 kits ready to fit for widths of openings from 650 to 1450 mm
- SILENT: Integrated hydraulic brake for a soft and silent closing
- CONFORTABLE: Adjustable closing speed
- DESIGN: Perfect finish with anodized aluminium pelmet (with returns)
- Clamp is suitable for Securit glass and does not require any drilling of the glass panel

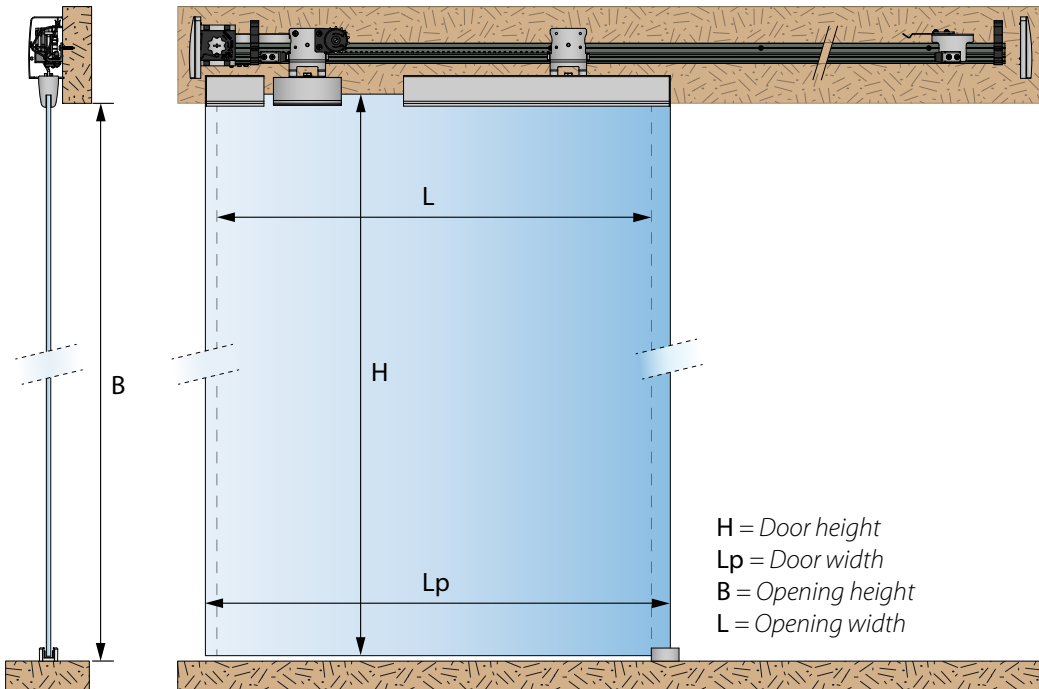
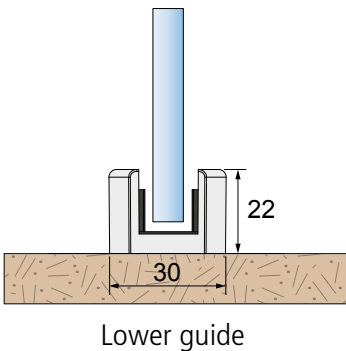


SOFTCLOSE-GLASS®

### SOFTCLOSE-GLASS®

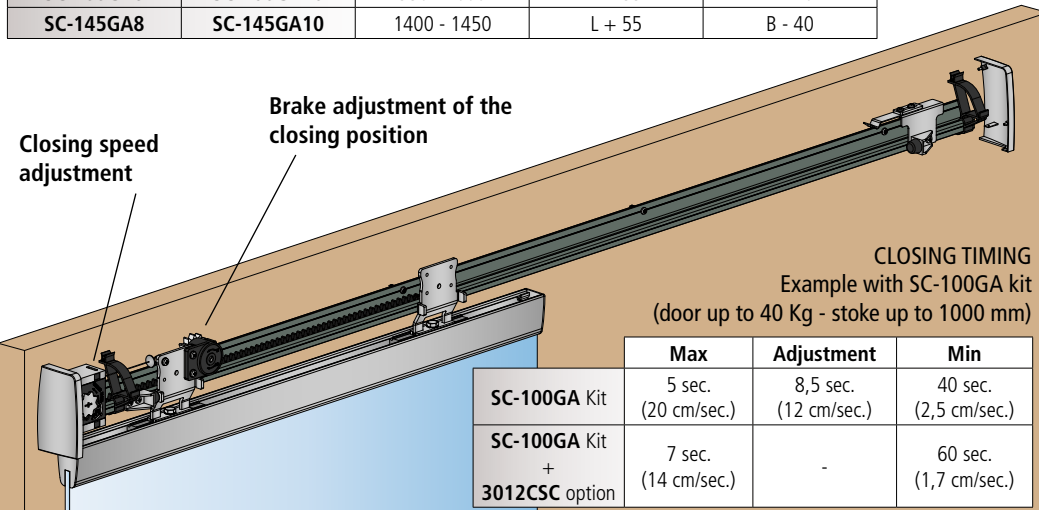


Vertical section of the system



**DIMENSIONS:**

| KIT 8 mm  | KIT 10 mm  | Opening width (L) | Door width (Lp) | Door height (H) |
|-----------|------------|-------------------|-----------------|-----------------|
| SC-70GA8  | SC-70GA10  | 650 - 700         | L + 55          | B - 40          |
| SC-80GA8  | SC-80GA10  | 750 - 800         | L + 55          | B - 40          |
| SC-90GA8  | SC-90GA10  | 850 - 900         | L + 55          | B - 40          |
| SC-100GA8 | SC-100GA10 | 950 - 1000        | L + 55          | B - 40          |
| SC-145GA8 | SC-145GA10 | 1400 - 1450       | L + 55          | B - 40          |



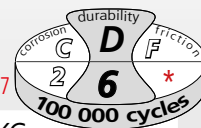


# Motorised straight sliding system for glass door

## SAFGLASS POWER®

See details of the standard EN 1527 page 4

\*Operated sliding systems not concerned by the standard EN 1527



|                |                |
|----------------|----------------|
| CAPACITY/DOOR  | 80 or 2x50 KG  |
| DOOR THICKNESS | 8 - 10 - 12 MM |
| TRACK          | ALUMINIUM      |
| MOVEMENT       | STRAIGHT       |

### TRACKS & PELMETS

| Item Nr.  | Description   |
|-----------|---|
| 11108/... | Anodised aluminium track, 33 x 27 mm cross-section drilled every 0.44 m, in lengths of 2 / 2.5 / 3 / 4 or 6 m.  |
| 11013     | Angled (sliding) bracket for wall mounting of track. Fastened every 0.44 m.   |
| 11043/... | Snap-on anodised aluminium pelmet*. To be used for wall mounting. Height = 110 mm - Length = 2 / 3 or 4 m.  |
| 11044 D   | Set of painted plastic end pieces for 11043/... pelmets* RAL5803 (anodised effect). For drive located on <b>right</b> hand side (front view). To be used for wall mounting. |
| 11044 G   | Ditto for drive located on <b>left</b> hand side (front view)   |



\*Pelmets and end pieces are available in raw aluminium (to be painted) or painted on request in your choice of RAL colour

\*\*End pieces are available in raw plastic (to be painted) or painted on request in your choice of RAL colour

### SPECIFICATION OF MOTORISED SYSTEM

| A | 8 mm      | 10 mm  | 12 mm  | SAFGLASS POWER gear for 1 door including:<br>- 2 rollers with precision bearings (long screw)<br>- 2 anodised aluminium clamps + 2 cleaning wipes<br>- 2 end stops + 1 spirit level (bulby®)<br>- 1 stainless steel lower guide |  |
|---|-----------|--------|--------|---|--|
|   | GA4208    | GA4210 | GA4212 |   |  |
| B | 10206     |        |        | Motor kit comprising:<br>- 1 gear motor 10206<br>- 1 RJ45 extension cable 2 m<br>- 1 built-in control box (Ø 67)  |  |
| C | GA5011    | GA5012 | GA5013 | Drive kit for 1 door including:<br>- 1 clamp with 1 belt support<br>- 1 pulley and pulley cover   |  |
| D | GA5021    | GA5022 | GA5023 | Drive kit for 2 doors including:<br>- 2 clamps with 2 belt supports<br>- 1 pulley and pulley cover  |  |
| E | 10172/... |        |        | Reinforced polyurethane drive belt available in lengths of 2.5 / 5 / 7.5 / 10 / 15 / 25 or 50 m.  |  |

For a single motorized door you need: **A + B + C + E**

For a double motorized door you need: **2x A + B + D + E**

### CLAMP COVERING

|           |             |
|-----------|-------------|
| 8 - 10 MM | See page 8  |
| 12 MM     | See page 10 |

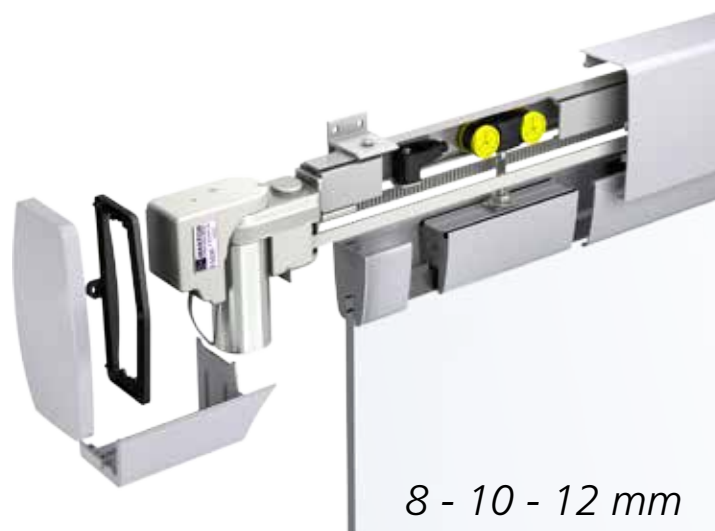
### ACCESSORIES for controlling the gear motor

|          |  |
|----------|--|
| C0012850 | 220 V/24 V DC switch mode power supply for gear motor 10206                  |
| C0004780 | Radio transmitter, ideal for renovation: no cables to lay!                   |
| C0001310 | Motion sensor radar with adjustment of bidirectional field via potentiometer |



Motorised straight sliding system for glass door of 8,10 or 12 mm thickness. Designed to combine the aesthetic, the smoothness and comfort of sliding.

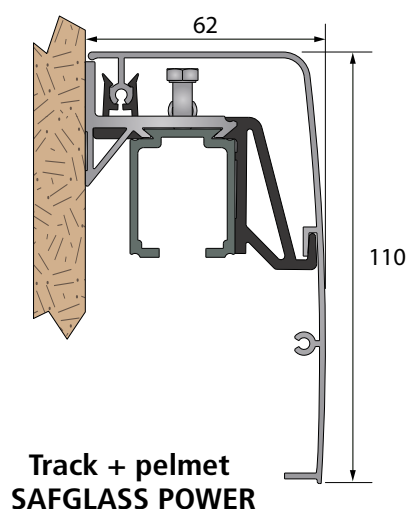
- Ideal for rooms dedicated to limited mobility persons
- To be used for wall fixing application. The pelmets cover the track and the motorization allowing a perfect finish
- Thanks to the clamp, there is no need to drill the glass in any way



8 - 10 - 12 mm

SAFGLASS POWER®

## SAFGLASS POWER®



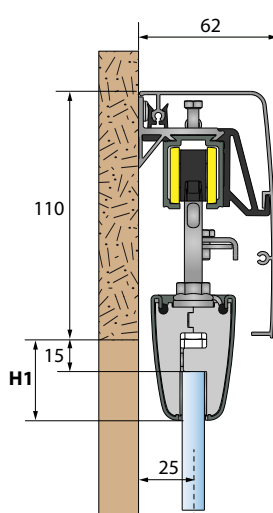
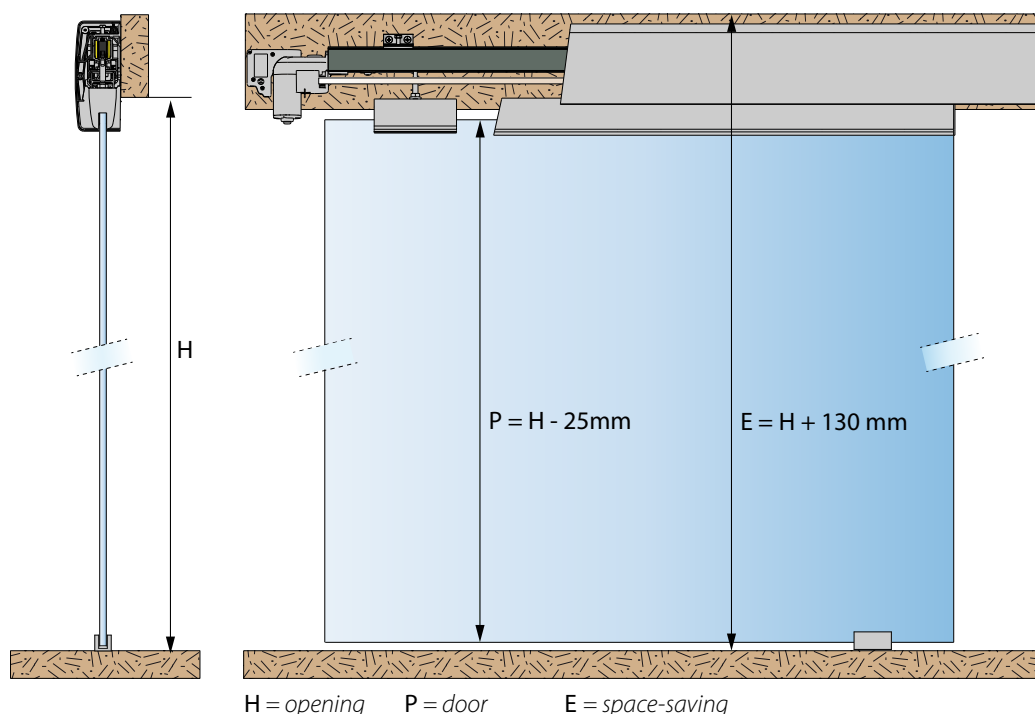
Track + pelmet  
SAFGLASS POWER

### Technical data:

- 24 V DC 2.5 A power supply
- Stops if an obstacle is detected
- Soft starting and stopping
- Self-learning function
- Max. weight per panel:  
1 panel: 80 kg - 2 panels: 50 kg
- Wired or remote control (HF 433.92 MHz)
- Operating temperature 5-50 °C
- Interface with home automation system
- Centralised control (supervisor function)
- Time-delayed automatic closing possible
- Electronic locking of door possible

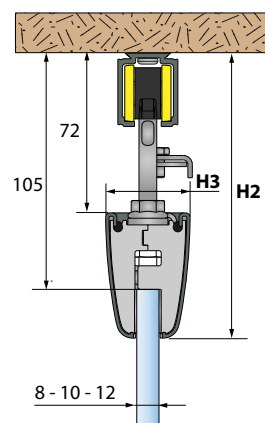


10206

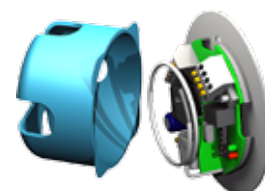


Fixing on the wall

|              | H1 | H2  | H3      |
|--------------|----|-----|---------|
| 8 - 10 clamp | 37 | 130 | 36 - 38 |
| 12 clamp     | 42 | 135 | 35      |



Fixing on the ceiling  
(without track pelmet)



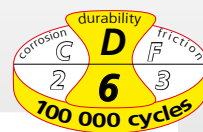
The built-in control box (Ø 67 mm) must be accessible for any further setting operation. He has to be situated unless 1.6 m of the motor.



## Stainless steel sliding system on round track

### TUB-DESIGN 80 G<sup>®</sup>

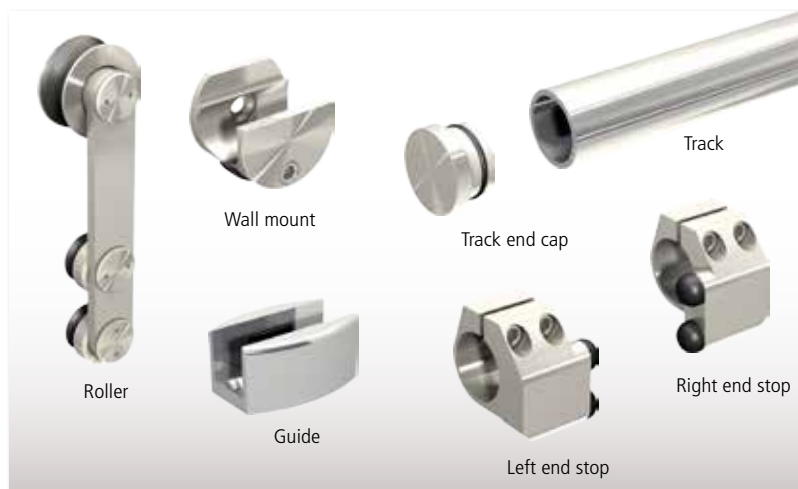
See details of the standard EN 1527 page 4



|                |                        |
|----------------|------------------------|
| CAPACITY/DOOR  | 80 KG                  |
| DOOR THICKNESS | 10 - 12 MM             |
| TRACK          | STAINLESS STEEL (304L) |
| MOVEMENT       | STRAIGHT               |

#### READY-TO-INSTALL SET - 1 LEAF - THICKNESS 10 AND 12 MM

| Item Nr. | Description   |
|----------|---|
| GF1102   | <p>Set includes:</p> <ul style="list-style-type: none"> <li>- 1 stainless steel track 2 m long</li> <li>- 2 stainless steel track end caps</li> <li>- 2 stainless steel fittings with nylon tread</li> <li>- 5 stainless steel track brackets for wall mounting</li> <li>- 2 stainless steel end stops</li> <li>- 1 stainless steel lower guide</li> <li>- Installation instructions and tools</li> </ul> |



#### ACCESSORIES

|        |   |
|--------|---|
| GF6000 | Bottom right hand side brake end stop.<br>Suitable for 8 - 10 et 12 mm panel thickness. |
| GF6001 | Ditto for left handle side.   |



See accessories page 36

## Also available for wood doors!



### TUB-DESIGN 80 W

- For wood doors up to 80 KG
- Doors thickness: from 25 to 50 mm
- Door width: from 730 to 1080 mm
- Complete ready-to-install set





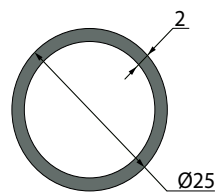
Stainless steel sliding system on round track.

- Design system with apparent mechanism (drilled glass)
- Suitable for glass doors up to 80 Kg and 10 or 12 mm thickness
- Ready-to-install set with a track of 2 m length: for door width from 600 to 1040 mm

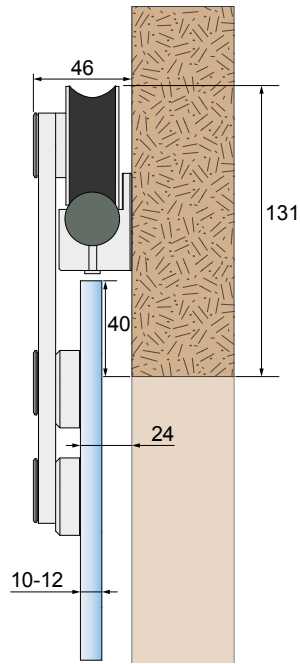


10 - 12 mm

TUB-DESIGN 80 G®

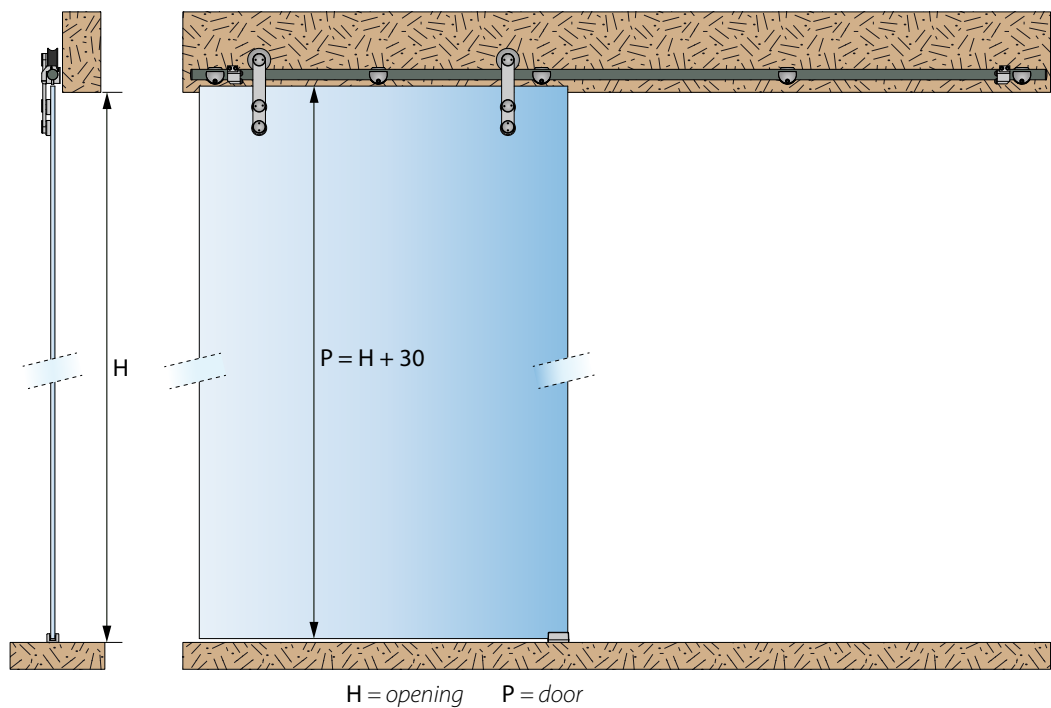


Track TUB-DESIGN 80 G  
(2 m)



Fixing on the wall

TUB-DESIGN 80 G®

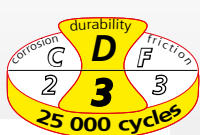




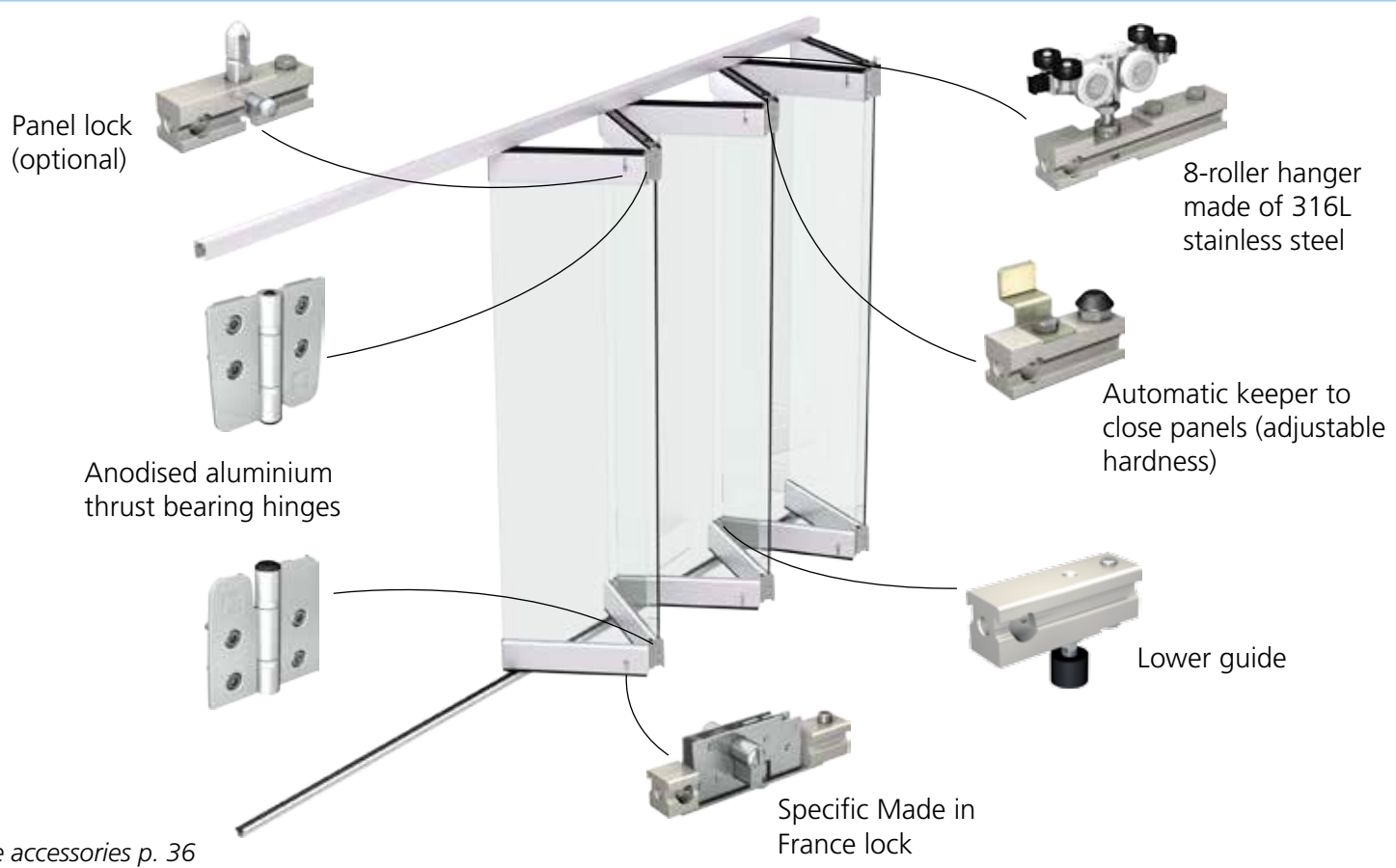
# Folding system for glass partitions

## OPENTEC F80<sup>®</sup>

See details of the standard EN 1527 page 4



|                        |                           |
|------------------------|---------------------------|
| CAPACITY/PANEL         | 80 KG                     |
| DOOR THICKNESS         | 10 - 12 - 12.7 MM         |
| MAX OPENING DIMENSIONS | 9 x 3 M<br>(6 + 6 PANELS) |
| TRACK                  | ALUMINIUM                 |
| MOVEMENT               | FOLDING                   |



See accessories p. 36

## SLIDSOFT<sup>®</sup>: online configurator !



**Your personalised sliding solution**  
online and adapted to your needs!



Folding system for glass partitions of 10, 12 or 12.7 mm thickness.  
To be used as a glazed interior partition:  
restaurants, hotels, shopping centres, airports, etc...

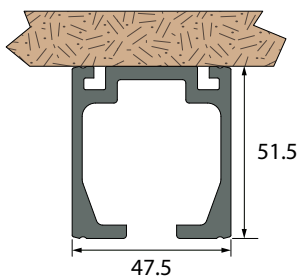
- Drilled hanging glass system that provides guaranteed stability. Reliable, secure, and easy-to-install system
- Trouble-free installation: convenient access to adjustment modules
- Designer finish pelmet installed when assembly is completed. The pelmet guarantees a perfect result and gives fitters greater flexibility when handling the panels
- Choice of structural materials: anodised aluminium and stainless steel

10 - 12 - 12.7 mm

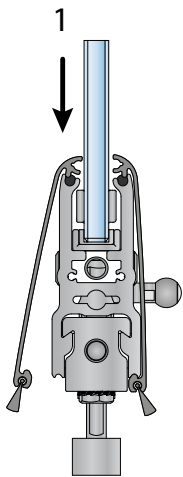


OPENTEC F80®

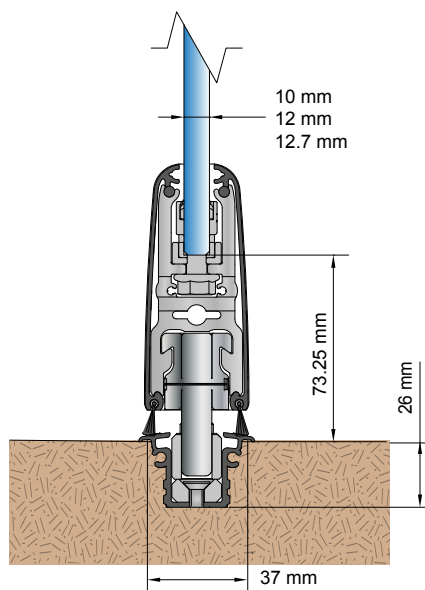
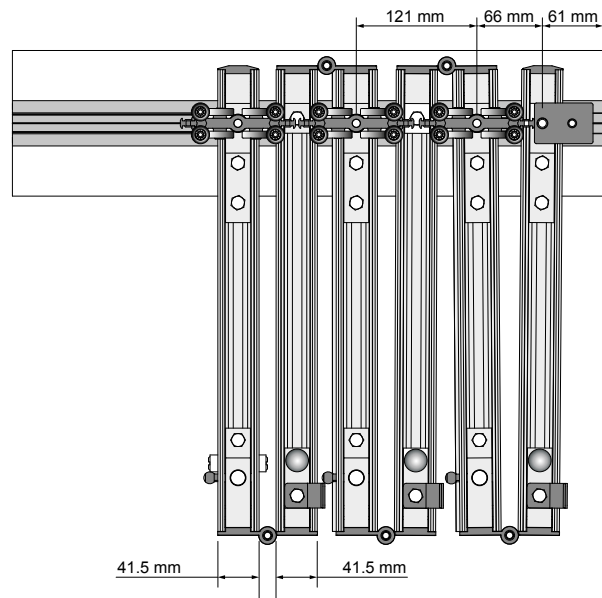
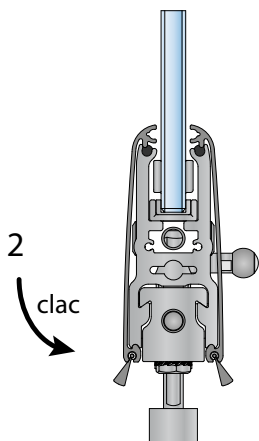
# OPENTEC F80®



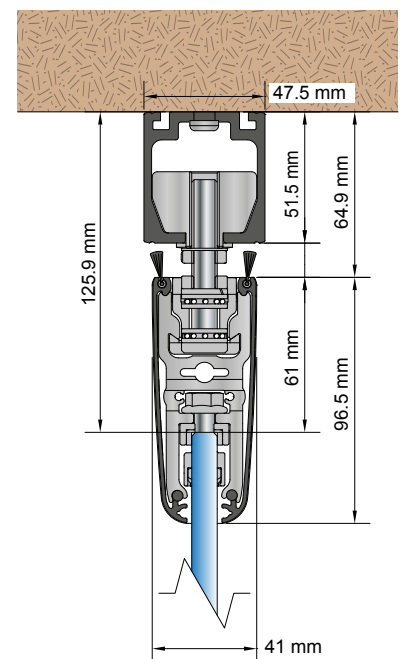
**Track 10400A/...**  
(drilled anodised aluminium)



Easy mounting of the pelmet



Bottom section



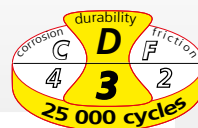
Upper section



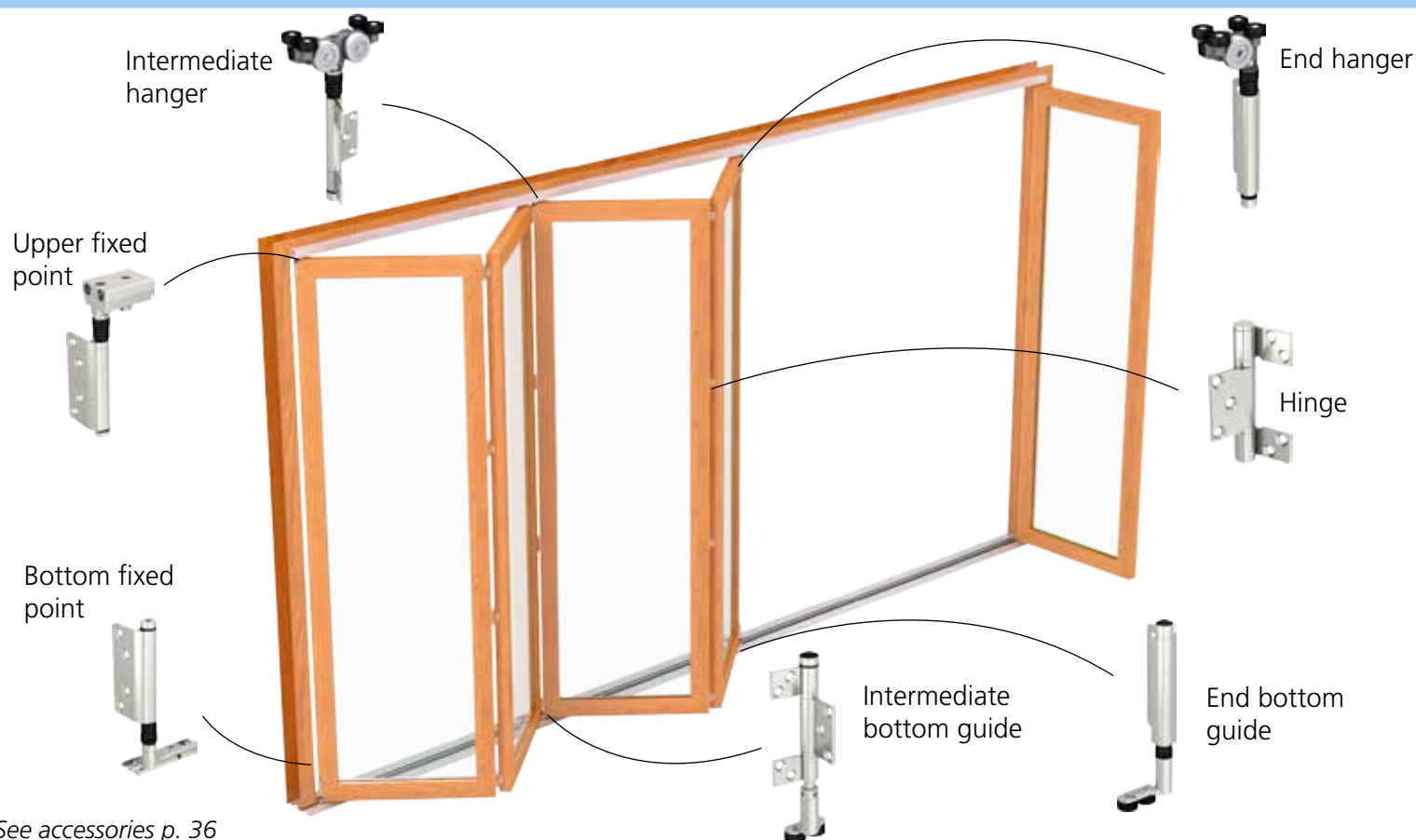
Folding system for wood-framed picture windows (waterproof)

## OPENTEC FWF100®

See details of the standard EN 1527 page 4



|                        |                                |
|------------------------|--------------------------------|
| CAPACITY/PANEL         | 100 KG                         |
| DOOR THICKNESS         | 83 to 100 MM                   |
| MAX OPENING DIMENSIONS | 16.5 x 3.5 M<br>(7 + 8 PANELS) |
| TRACK                  | ALUMINIUM                      |
| MOVEMENT               | FOLDING                        |



See accessories p. 36

**SLIDSOFT®: online configurator !**



**Your personalised sliding solution**  
online and adapted to your needs!





Folding system for wood-framed picture windows. For panels of 83 to 100 mm thickness. For outside use: restaurants, bars, hotels, patios, villas, etc...

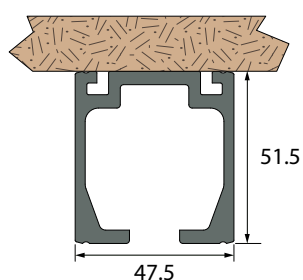
## 3 panels mini

- Folding system for creating a tightly sealed wood-framed picture window
- Solution for the threshold: flush-mounted (PRM)
- Choice of structural materials: anodised aluminium and stainless steel
- 2 and 3-point locking system suitable for the product
- Standard plans for making tightly sealed leaves can be provided on request.
- Convenient to use: picture window slides easily.
- Thickness of Glass panels: 24 to 50 mm.



OPENTEC FWF100®

### OPENTEC FWF100®

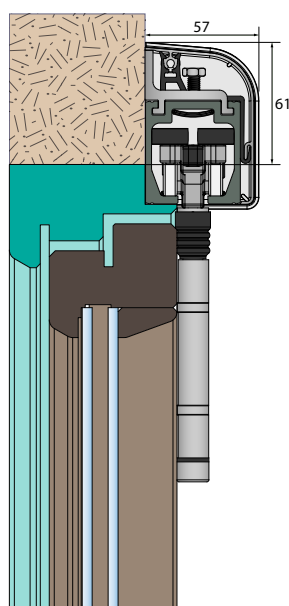


**Track 10400A/...**  
(drilled anodised aluminium)

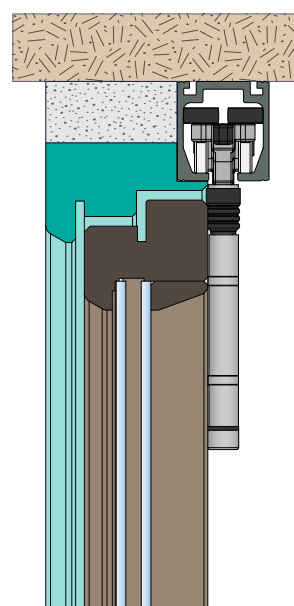


3-point locking system

2-point locking system

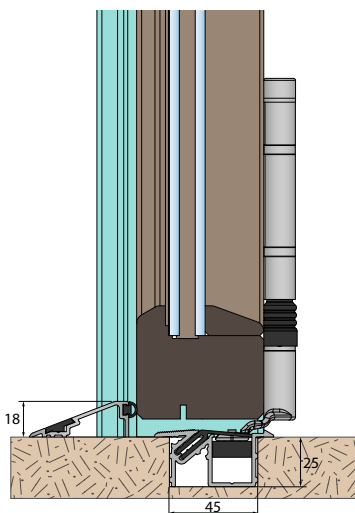


Wall mounting section

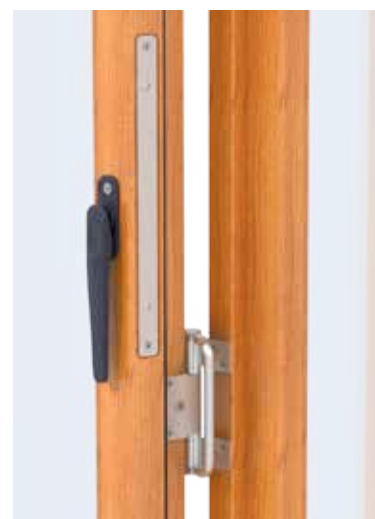


Ceiling mounting section

Frame  
Panel  
Glass



Flush-mounted threshold

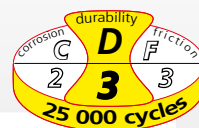




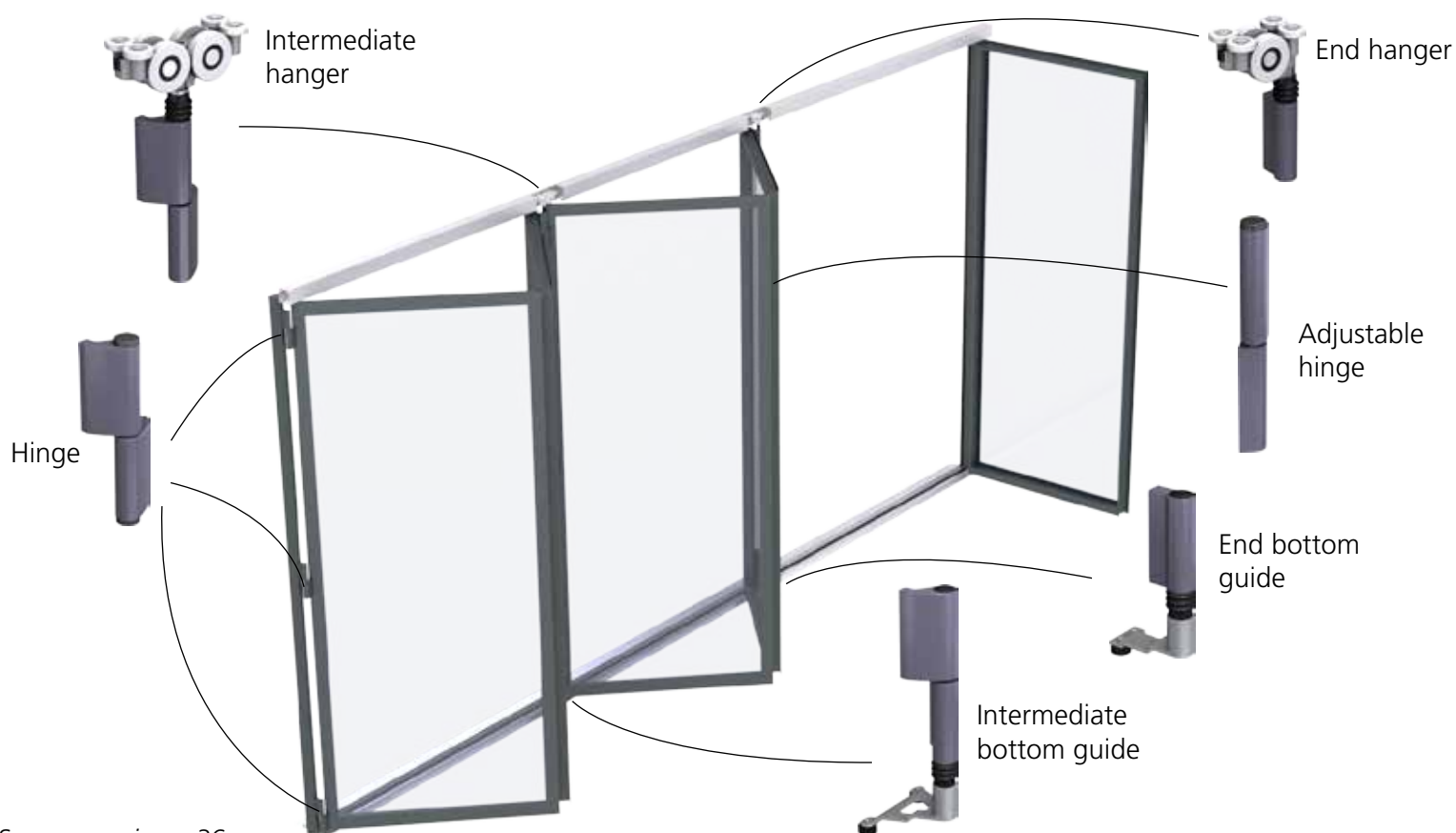
Folding system for metal-framed picture windows (waterproof)

## OPENTEC FMF150®

See details of the standard EN 1527 page 4



|                        |                                |
|------------------------|--------------------------------|
| CAPACITY/PANEL         | 150 KG                         |
| DOOR THICKNESS         | 50 to 100 MM                   |
| MAX OPENING DIMENSIONS | 16.5 x 3.5 M<br>(7 + 8 PANELS) |
| TRACK                  | ALUMINIUM                      |
| MOVEMENT               | FOLDING                        |



See accessories p. 36

**SLIDSOFT®: online configurator !**



**Your personalised sliding solution**  
online and adapted to your needs!



## 3 panels mini

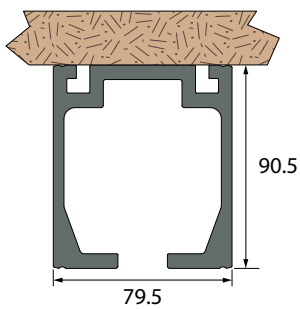
Folding system for metal-framed picture windows. For panels of 50 to 100 mm thickness. For outside use: Restaurants, hotels, patios, bars, shopping centres, etc...

- Folding system for creating a tightly sealed metal-framed picture window
- Solution for the threshold: flush-mounted (PRM)
- 2 and 3-point locking system suitable for the product
- Convenient to use: picture window slides easily
- Choice of structural materials: anodised aluminium and stainless steel.



OPENTEC FMF150®

### OPENTEC FMF150®



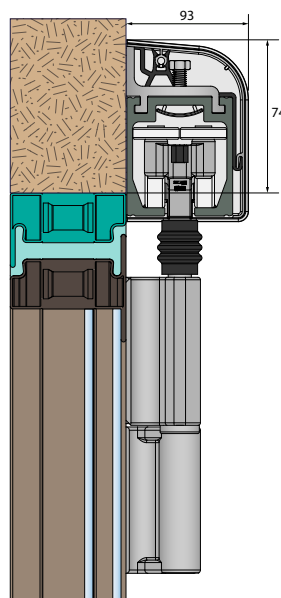
**Track 10500A/...**  
(drilled anodised aluminium)



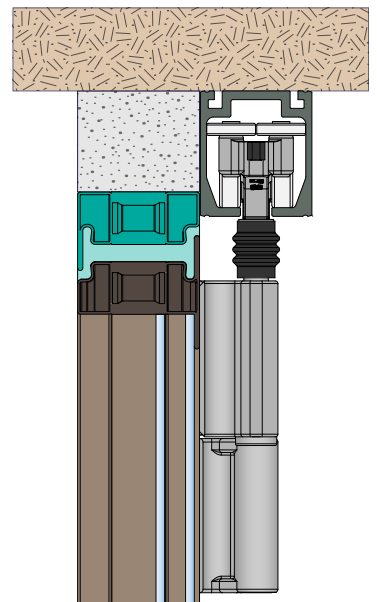
2 points bolt



3 -point locking system.  
Available with or  
without barrel.

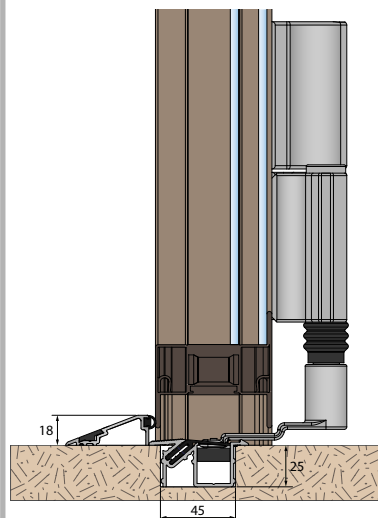


Wall mounting section

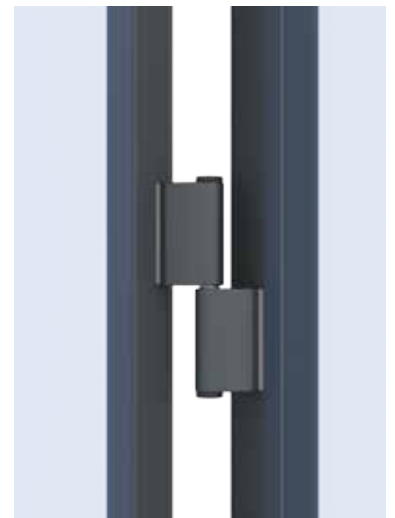


Ceiling mounting section

- Frame
- Panel
- Glass



Flush-mounted threshold



## HANDLES

| Item Nr.           | Description   |
|--------------------|---|
| <b>NEPTUNE-300</b> | Pull handle in brushed stainless steel. Height: 300 mm, Ø 20 mm.  |
| <b>NEPTUNE-505</b> | Pull handle in brushed stainless steel. Height: 505 mm, Ø 20 mm.  |
| <b>VENUS-505</b>   | Pull handle in brushed stainless steel. Height: 516 mm, Ø 25 mm.  |
| <b>VENUS-657</b>   | Pull handle in brushed stainless steel. Height: 665 mm, Ø 25 mm.  |
| <b>VENUS-810</b>   | Pull handle in brushed stainless steel. Height: 817 mm, Ø 25 mm.  |
| <b>MARS-325</b>    | Pull handle in brushed stainless steel. Height: 325 mm, Ø 25 mm.  |
| <b>MARS-375</b>    | Pull handle in brushed stainless steel. Height: 375 mm, Ø 25 mm.  |
| <b>MERCURE-330</b> | Pull handle in brushed stainless steel and anodised aluminium finish for central part. Height: 330 mm, Ø 30 mm. |
| <b>MERCURE-370</b> | Ditto height: 370 mm.   |
| <b>102099</b>      | Flush pull handle in Polycarbonate Ø 69.5 mm.   |
| <b>102099-1</b>    | Flush pull handle in chromed metal Ø 65 mm.   |
| <b>102099-2</b>    | Flush pull handle in chromed metal Ø 55 mm.   |
| <b>102101</b>      | Knob handle in Polycarbonate Ø 37.  |
| <b>102101-1</b>    | Knob handle in chromed metal Ø 30.  |
| <b>102101-2</b>    | Knob handle in chromed metal 50 x 60 mm.  |
| <b>102101-3</b>    | Adhesive handle in Polycarbonate. 120 x 30 mm.  |
| <b>102101-4</b>    | Adhesive handle in Zamak, anodised effect. Height: 115 mm.  |



## VARIOUS ACCESSORIES

|                 |  |
|-----------------|--|
| <b>1112/4</b>   | Lower guide in stainless steel.  |
| <b>1124</b>     | Adjustable lower guide made of transparent polycarbonate.  |
| <b>GF6000</b>   | Bottom right hand side brake end stop. Suitable for 8 - 10 et 12 mm panel thickness.                                     |
| <b>GF6001</b>   | Ditto for left hand side.  |
| <b>GB5351</b>   | Translucent adhesive seal for sticking on the edge of the glass panel. Length = 3 m.                                     |
| <b>66JN/250</b> | Black adhesive seal for sticking on the edge of the glass panel. Length = 2.5 m.   |
| <b>102950</b>   | Hook lock in stainless steel for glass door of 8 - 10 mm thickness. Supplied with European Cylinder and 3 keys.          |
| <b>102950G</b>  | Keeper for lock 102950. To be use with double glass door.  |
| <b>102950GT</b> | Hook lock in stainless steel. Supplied with European Cylinder ,3 keys and stainless strike. To be use with a wood frame. |



## OPENTEC FWF100

|                     |  |
|---------------------|--|
| <b>GHLK-01</b>      | Magnetic holder for folding doors. Allow you to hold the swing/pass door to the adjacent panel. Thickness = 30 mm. |
| <b>GHLK-02</b>      | Ditto with thickness = 60 mm.  |
| <b>1295/90</b>      | Handle for panels less than 90 mm thick.   |
| <b>1295/100</b>     | Ditto for panels more than 90 mm thick.  |
| <b>GH10XL</b>       | Brush seal beneath panels. By the metre. Height = 10 mm.   |
| <b>GHT05</b>        | Tubular seal for half-panels. Ø = 5 mm.  |
| <b>GHEU30L</b>      | TPE seal for opening. By the metre.  |
| <b>GH10430KL-01</b> | Kit with two bolt-type stainless steel rods. For panels less than 3 m high.  |
| <b>GH10430KL-02</b> | Ditto for panels more than 3 m high.   |
| <b>1510CXA2</b>     | Stainless steel hinge, centred, screwed on edge. Pin Ø 10 mm.  |
| <b>1510DXA2</b>     | Stainless steel hinge, offset, screwed on edge. Pin Ø 10 mm.   |
| <b>1510DPXA2</b>    | Stainless steel hinge, offset, screwed on edge (with handle). Pin Ø 10 mm.   |



## OPENTEC FMF150

|                  |  |
|------------------|--|
| <b>1514GJSOL</b> | Weld-type adjustable split hinge, offset. Ø 14 mm. Opening on left-side. |
| <b>1514GJSOR</b> | Ditto for opening on right-side.   |
| <b>1514SOR</b>   | Weld-type adjustable split hinge. Ø 14 mm.                               |

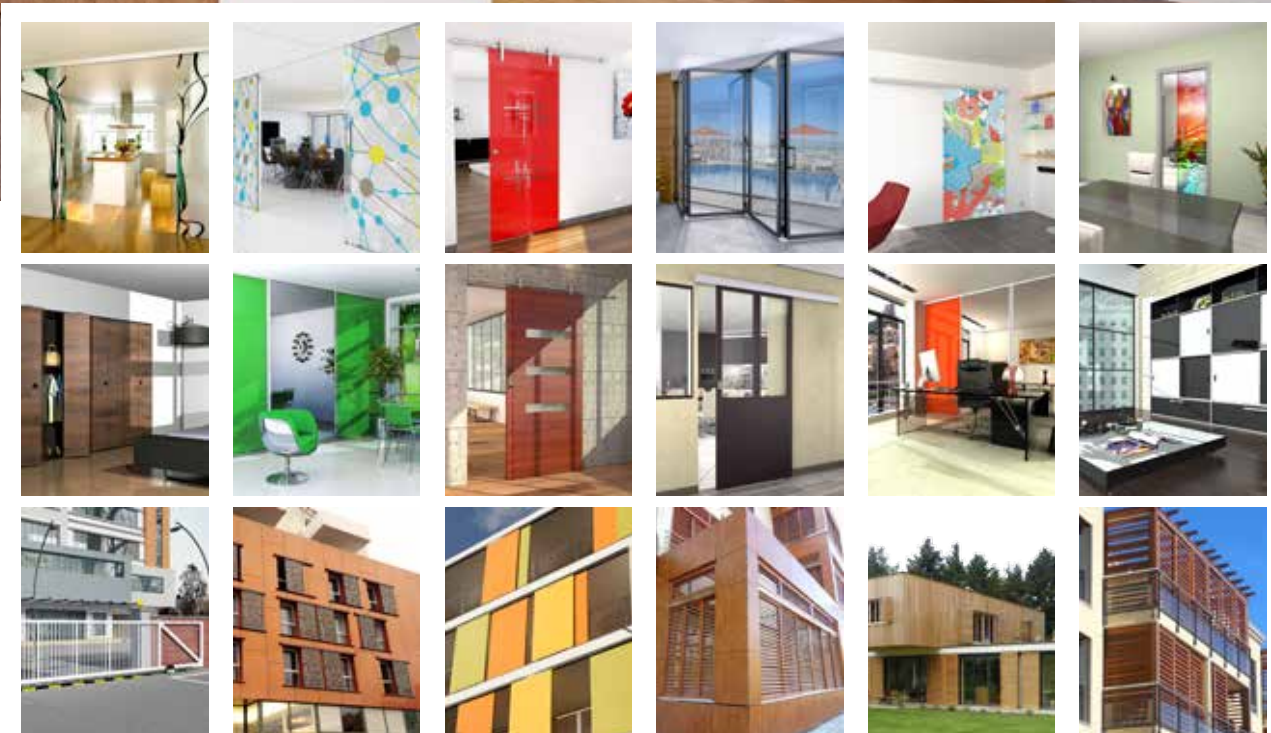


## OPENTEC FWF100 & FMF150

|                  |  |
|------------------|--|
| <b>GH10430DC</b> | Dust cap to snap-on the threshold. Length = 6 m. |
|------------------|--|



# Sliding systems, A specialization, a know-how...



*[www.mantion.com](http://www.mantion.com)*

A photograph of a small, grey and white striped kitten standing on its hind legs on a light-colored tiled floor. The kitten is reaching up with its front paws to touch the edge of a light-colored wooden door. The door has a vertical silver handle. The background is a plain white wall.

**MANTION®** *sliding systems*

**The French touch makes the difference.**

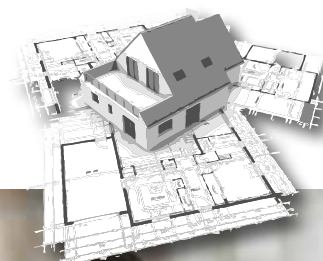
With the **MANTION®** *sliding systems*,  
your doors, gates and shutters slide to perfection

- Quick and easy choice of configuration type
- Calculates the dimensions of your shutters, doors and gates
- Complete list of required products
- Product details with visualization window
- Instructions and drawings available for download
- Allows you to enter your client code to obtain a price quotation
- Quotation is automatically transferred to the sales department should you decide to go ahead with the order



## SLIDSOFT®: ONLINE CONFIGURATOR !

discover SLIDSOFT® on [WWW.MANTION.COM](http://WWW.MANTION.COM)



**Your personalised sliding solution**  
online and adapted to your needs!



QUOTATION NO. DSGP130420160003  
GLASS DOOR - SAFGLASS

Example 1 Valid estimate until: 1

For company:  
For the attention of:  
Address:

Customer reference

Customer Ref: Site REF: Opening:

Data entered

Type of fastening: Wall mounting  
Opening height H (m): 2.2 m  
Opening width O (m): 1.5 m  
Number of identical openings: 1  
Door swing clearance - R (m): 1 m  
Weight of one leaf (kg): 67.7 kg  
Type of door: 1 leaf  
Travel type: Manual  
Opening direction: Opening on right side  
Door frame finish: Anodized aluminium  
Track frame finish: Anodized aluminium

Results

Door width L (m): 1.56 m  
Door height P (m): 2.17 m  
Glass thickness: 8 mm  
Track length: 3.13 m  
Door frame length (m): 1.56 m  
Box length: 0 m

Mention: MANTION does not guarantee the performance or results obtained with the software. MANTION S&S is not required to accept an order based on the results obtained with the software. Accepting such an order does not guarantee these results.

Mention: MANTION S&S - 7 rue des Laines - 20000 BREST - France - Tel: +33 (0) 2 97 50 36 77 - Fax: +33 (0) 2 97 50 36 76 - mention@mansion.com

It is **easy** to determine the solution!  
Simply enter the dimensions of your opening  
and your options.  
You will also have access to the full details  
of the products and plans.



QUOTATION NO. DSGP130420160003  
GLASS DOOR - SAFGLASS

Example 1 Valid estimate until: 1

| Item numbers | Description  | Quantity | Price € excl. | TOTAL |
|--------------|--|----------|---------------|-------|
| 11100000     | Box for single leaf of sliding SAFGLASS            | 1.00     | 20.00         | 20.00 |
| 11100000     | Box for single leaf of sliding SAFGLASS            | 1.00     | 40.00         | 40.00 |
| 11100000     | Aluminum damp coverage SAFGLASS                    | 1.00     | 10.00         | 10.00 |
| 11100000     | GEAR FOR SAFGLASS PRINCE 30                        | 1.00     | 10.00         | 10.00 |
| 11100000     | Track for sliding door SAFGLASS                    | 1.00     | 10.00         | 10.00 |
| 11100000     | Box of end profile for single leaf SAFGLASS        | 1.00     | 10.00         | 10.00 |
| 11100000     | Cupressi PRINCE 30 - 30mm - CHECKED METAL SAFGLASS | 1.00     | 10.00         | 10.00 |

Total: 100.00 €

Comments:

Mention: MANTION does not guarantee the performance or results obtained with the software. MANTION S&S is not required to accept an order based on the results obtained with the software. Accepting such an order does not guarantee these results.

Mention: MANTION S&S - 7 rue des Laines - 20000 BREST - France - Tel: +33 (0) 2 97 50 36 77 - Fax: +33 (0) 2 97 50 36 76 - mention@mansion.com



|           |                         |                                |
|-----------|-------------------------|--------------------------------|
| 66JN/250  | Adhesive seal           | 36 - 40                        |
| 1112/4    | Handle                  | 25 - 36                        |
| 1124      | Handle                  | 7 - 36                         |
| 10172     | Cog belt                | 26                             |
| 10206     | Gear motor kit          | 26 - 27                        |
| 11011     | Pelmet                  | 8 - 10 - 14                    |
| 11013     | Bracket                 | 8 - 10 - 12 - 26               |
| 11013 D   | Bracket                 | 8 - 10                         |
| 11031     | Pelmet                  | 12                             |
| 11041     | Pelmet                  | 8 - 10 - 12 - 14               |
| 11043     | Pelmet                  | 26                             |
| 11044 D   | Set of end caps         | 26                             |
| 11044 G   | Set of end caps         | 26                             |
| 11045     | Set of end caps         | 8 - 10 - 12 - 14               |
| 11108     | Track                   | 8 - 9 - 10 - 11 - 14 - 15 - 26 |
| 11145     | Track                   | 6 - 7                          |
| 11312     | Track                   | 12 - 13                        |
| 102099    | Handle                  | 36                             |
| 102099-1  | Handle                  | 36                             |
| 102099-2  | Handle                  | 36                             |
| 102101    | Handle                  | 36                             |
| 102101-1  | Handle                  | 36                             |
| 102101-2  | Handle                  | 36                             |
| 102101-3  | Handle                  | 36                             |
| 102101-4  | Handle                  | 36                             |
| 102950    | Hook lock               | 36                             |
| 102950G   | Strike                  | 36                             |
| 102950GT  | Hook lock               | 36                             |
| 1295/90   | Handle                  | 36                             |
| 1295/100  | Handle                  | 36                             |
| 1510CXA2  | Hinge                   | 36                             |
| 1510DXA2  | Hinge                   | 36                             |
| 1510DPXA2 | Hinge                   | 36                             |
| 1514GJSOL | Hinge                   | 36                             |
| 1514GJSOR | Hinge                   | 36                             |
| 1514SOR   | Hinge                   | 36                             |
| 3012CSC   | Rack                    | 24 - 25                        |
| C0001310  | Radar                   | 26                             |
| C0004780  | Radio-controlled switch | 26                             |
| C0012850  | Power supply            | 26                             |
| GA4020    | Clamp covering          | 8                              |
| GA4021    | Clamp covering          | 8                              |
| GA4022    | Clamp covering          | 8                              |
| GA4023    | Clamp covering          | 8                              |
| GA4024    | Clamp covering          | 8                              |
| GA4025    | Clamp covering          | 8                              |
| GA4026    | Clamp covering          | 8                              |
| GA4027    | Clamp covering          | 8                              |
| GA4028    | Clamp covering          | 8                              |

|        |                     |         |
|--------|---------------------|---------|
| GA4029 | Clamp covering      | 8       |
| GA4030 | Clamp covering      | 8       |
| GA4031 | Clamp covering      | 8       |
| GA4032 | Clamp covering      | 8       |
| GA4033 | Clamp covering      | 8       |
| GA4034 | Clamp covering      | 8       |
| GA4035 | Clamp covering      | 8       |
| GA4120 | Clamp covering      | 10 - 12 |
| GA4121 | Clamp covering      | 10 - 12 |
| GA4123 | Clamp covering      | 10 - 12 |
| GA4201 | SAFGLASS gear       | 8       |
| GA4202 | SAFGLASS gear       | 8       |
| GA4203 | SAFGLASS gear       | 10      |
| GA4204 | SAFGLASS gear       | 12      |
| GA4205 | SAFGLASS gear       | 12      |
| GA4208 | SAFGLASS-POWER gear | 26      |
| GA4210 | SAFGLASS-POWER gear | 26      |
| GA4212 | SAFGLASS-POWER gear | 26      |
| GA4320 | Clamp covering      | 8       |
| GA4321 | Clamp covering      | 8       |
| GA4322 | Clamp covering      | 8       |
| GA4323 | Clamp covering      | 8       |
| GA4324 | Clamp covering      | 8       |
| GA4325 | Clamp covering      | 8       |
| GA4326 | Clamp covering      | 8       |
| GA4327 | Clamp covering      | 8       |
| GA4328 | Clamp covering      | 8       |
| GA4329 | Clamp covering      | 8       |
| GA4330 | Clamp covering      | 8       |
| GA4331 | Clamp covering      | 8       |
| GA4332 | Clamp covering      | 8       |
| GA4333 | Clamp covering      | 8       |
| GA4334 | Clamp covering      | 8       |
| GA4335 | Clamp covering      | 8       |
| GA4420 | Clamp covering      | 12      |
| GA4421 | Clamp covering      | 12      |
| GA4423 | Clamp covering      | 12      |
| GA5001 | Synchronization kit | 22      |
| GA5011 | Drive kit           | 26      |
| GA5012 | Drive kit           | 26      |
| GA5013 | Drive kit           | 26      |
| GA5021 | Drive kit           | 26      |
| GA5022 | Drive kit           | 26      |
| GA5023 | Drive kit           | 26      |
| GA5031 | SAFGLASS gear       | 14      |
| GA5042 | SAFGLASS gear       | 14      |
| GA5043 | SAFGLASS gear       | 14      |
| GA5052 | SAFGLASS gear       | 14      |
| GA5053 | SAFGLASS gear       | 14      |



|        |                 |         |
|--------|-----------------|---------|
| GA5063 | SAFGLASS gear   | 14      |
| GB0100 | INTEC set       | 16      |
| GB0101 | INTEC set       | 16      |
| GB0102 | INTEC set       | 16      |
| GB0103 | INTEC set       | 16      |
| GB0110 | INTEC set       | 16      |
| GB0111 | INTEC set       | 16      |
| GB0112 | INTEC set       | 16      |
| GB0113 | INTEC set       | 16      |
| GB0114 | INTEC set       | 16      |
| GB0115 | INTEC set       | 16      |
| GB0116 | INTEC set       | 16      |
| GB0117 | INTEC set       | 16      |
| GB0118 | INTEC set       | 16      |
| GB0119 | INTEC set       | 16      |
| GB0120 | INTEC set       | 16      |
| GB0200 | INTEC set       | 18      |
| GB0201 | INTEC set       | 18      |
| GB0202 | INTEC set       | 18      |
| GB0203 | INTEC set       | 18      |
| GB0210 | INTEC set       | 18      |
| GB0211 | INTEC set       | 18      |
| GB0212 | INTEC set       | 18      |
| GB0213 | INTEC set       | 18      |
| GB0214 | INTEC set       | 18      |
| GB0215 | INTEC set       | 18      |
| GB0216 | INTEC set       | 18      |
| GB0217 | INTEC set       | 18      |
| GB0218 | INTEC set       | 18      |
| GB0219 | INTEC set       | 18      |
| GB0220 | INTEC set       | 18      |
| GB3000 | Set of end caps | 20      |
| GB3300 | Set of end caps | 20      |
| GB5000 | INTEC gear      | 20      |
| GB5001 | INTEC gear      | 20      |
| GB5002 | INTEC gear      | 20      |
| GB5003 | INTEC gear      | 20      |
| GB5004 | INTEC gear      | 20      |
| GB5015 | Drilling jig    | 20      |
| GB5350 | Seal            | 20      |
| GB5351 | Adhesive seal   | 20 - 36 |
| GB5355 | End caps        | 20      |
| GB6000 | Pelmet          | 20      |
| GB6010 | Track           | 20      |
| GB6310 | Profile         | 20      |
| GB6320 | Profile         | 20      |
| GB6330 | U-profile       | 20      |
| GB6331 | U-profile       | 20      |
| GE4201 | MAGLASS gear    | 6       |

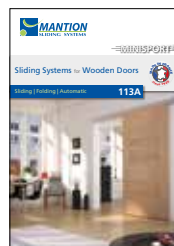
|                   |                     |         |
|-------------------|---------------------|---------|
| GE5001            | MAGLASS gear        | 6       |
| GE5002            | MAGLASS gear        | 6       |
| GE5003            | MAGLASS gear        | 6       |
| GE5004            | MAGLASS gear        | 6       |
| GF1102            | TUB-DESIGN G set    | 28      |
| GF6000            | End stop            | 28 - 36 |
| GF6001            | End stop            | 28 - 36 |
| GH10430DC         | Dust cap            | 36      |
| GH10430KL-01      | Handle              | 36      |
| GH10430KL-02      | Handle              | 36      |
| GH10XL            | Seal                | 36      |
| GHEU30L           | Seal                | 36      |
| GHLK-01           | Magnetic holder     | 36      |
| GHLK-02           | Magnetic holder     | 36      |
| GHT05             | Seal                | 36      |
| MARS-325          | Handle              | 36      |
| MARS-375          | Handle              | 36      |
| MERCURE-330       | Handle              | 36      |
| MERCURE-370       | Handle              | 36      |
| NEPTUNE-300       | Handle              | 36      |
| NEPTUNE-505       | Handle              | 36      |
| SAF-INSIDECO70    | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO80    | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO90    | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO100   | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO140   | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO160   | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO180   | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO200   | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO469F  | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO789F  | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO829F  | SAFGLASS-INSIDE set | 22      |
| SAF-INSIDECO9109F | SAFGLASS-INSIDE set | 22      |
| SC-70GA8          | SOFTCLOSE-GLASS set | 24      |
| SC-70GA10         | SOFTCLOSE-GLASS set | 24      |
| SC-80GA8          | SOFTCLOSE-GLASS set | 24      |
| SC-80GA10         | SOFTCLOSE-GLASS set | 24      |
| SC-90GA8          | SOFTCLOSE-GLASS set | 24      |
| SC-90GA10         | SOFTCLOSE-GLASS set | 24      |
| SC-100GA8         | SOFTCLOSE-GLASS set | 24      |
| SC-100GA10        | SOFTCLOSE-GLASS set | 24      |
| SC-145GA8         | SOFTCLOSE-GLASS set | 24      |
| SC-TL             | Timer               | 24      |
| SC-TR             | Timer               | 24      |
| VENUS-505         | Handle              | 36      |
| VENUS-657         | Handle              | 36      |
| VENUS-810         | Handle              | 36      |

## Our range for INTERIOR DOORS

113A

Sliding systems for:

- FOLDING doors
- PARTITION doors
- SLIDING doors

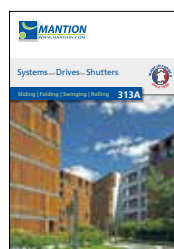


## Our range for SHUTTERS

313A

Systems and motorizations for:

- SLIDING shutters
- FOLDING shutters
- SWINGING shutters

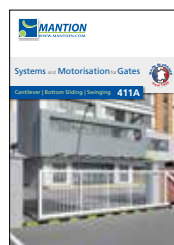


## Our range for GATES

411A

Systems and motorizations for:

- CANTELIVER gates
- BOTTOM SLIDING gates
- gates mounted on PIVOTS



## Our range for SPORTUB®

211A

Sliding systems for:

- STRAIGHT SLIDING doors up to 2000 Kg
- LATERAL DISPLACEMENT doors
- FOLDING doors with equal panels
- FOLDING doors with half panels
- UP AND OVER doors



## Our range for HERCULE®

911A

Sliding systems for:

- STRAIGHT SLIDING doors up to 3000 Kg
- LATERAL DISPLACEMENT doors
- FOLDING doors with equal panels
- FOLDING doors with half panels



## 1. Scope of application:

Unless specific provisions are agreed in writing and signed by our company, these general terms and conditions, drawn up in French in their original version, which alone shall serve as proof, and taking precedence over any other foreign language version, shall apply to the supply of all products to the Client, whether catalogue products or special products, to all services provided and to the supply of tools. All orders shall entail unreserved acceptance of these general terms and conditions. These general terms and conditions of sale cancel and replace any previous terms and conditions and any documents exchanged between the parties prior to conclusion of any final agreement.

## 2. Scope of documents transmitted by the Client:

The terms and conditions of sale are the sole basis for any commercial transaction. The terms and conditions of purchase sent by the Client shall only apply if expressly accepted in writing by us. Plans and other specifications sent by the Client shall have contractual value and shall be binding on the Client.

## 3. Applicable Law - Jurisdiction:

These general terms and conditions are governed by French law. Any dispute resulting from the business relationship established between our company and the Client shall come under the sole jurisdiction of the Besançon Commercial Court (25000 France), even in cases of urgent application, third party proceedings and multiple defendants. We may however refer the case to any competent court in the Client's country if the latter's offices are not in France.

## 4. Offer - Price:

We reserve the right to make any amendments considered necessary, without notice, to our models, prices and catalogues, as these documents do not constitute an offer. Unless otherwise stipulated, our offers are valid for one month from the date of issue. After this period, the prices and delivery terms may be amended. We reserve the right to amend our prices at any time, especially with respect to fluctuations in the price of raw materials. If amendments are made, products for which an order has been accepted on the date of amendment shall be delivered at the price in force on the date of acceptance.

## 5. Orders:

Any order or order amendment must be sent by letter, fax or e-mail and shall only be deemed accepted after written confirmation from us. Acceptance of the order is subject to physical availability of products and raw materials. Clients who cancel all or part of an order, or who postpone the delivery date or amend the order without liability on our part, are required to compensate us for all the costs incurred on the date the cancellation or amendment notice from the Client is received, without prejudice to any damages. All orders with technical specifications are only valid once all the documents have been approved by us.

## 6. Order Forecasts:

If the Client provides us with order forecasts, we will use these forecasts to draw up our offer. We reserve the right to amend our offer and price if there is a significant shortfall in these order forecasts.

## 7. Materials and components supplied by the Client:

If raw materials and/or components are supplied by the Client, the Client will deliver them or have them delivered at its own cost and risk. The Client guarantees the quality and conformity of the raw materials or components it supplies, with the contractual specifications, laws, regulations and standard professional practice in force. The Client guarantees that it can deliver the materials and components to our Company and holds us harmless against any action brought by its own suppliers.

## 8. Tools:

If we are required to produce tools to comply with the requirements of the order, the tools will remain our own material and intellectual property. Sums paid by the Client in addition to the price of the parts shall constitute a contribution to the costs of the tools. We reserve the right to destroy or sell any tool not used for more than one year, informing the Client thereof. The Client may object, provided that it offers to purchase the tool in question within 30 days from our notification of our intentions.

## 9. Delivery:

Delivery takes place upon provision of the products at our premises, prior to loading, either to the Client or to the carrier appointed by the Client or failing that, chosen by us. We are authorised to make full or partial deliveries, according to product availability. Each partial delivery will be invoiced separately. If the products are not picked up or are refused on the agreed delivery date, we reserve the right to invoice the Client for the storage costs. Any storage risks beyond that date will be the Client's responsibility.

The delivery times will not run until the Client has fulfilled its obligations (payment of a deposit, sending plans, delivery of material, written confirmation of order etc.). Any amendment to the order during performance of the contract may extend the delivery times. If the Client fails to comply with the timings it has notified, the delivery times cannot be guaranteed. We will endeavour to comply with the delivery times notified upon acceptance of the order. Failure to meet delivery times may not under any circumstances justify the cancellation, amendment or postponement of the order, or other orders already confirmed.

### 10. Quantities delivered - Packaging

If the Client fails to comply with the minimum and/or indivisible packaging indicated in the price scale, we will deliver the number of products rounded up to the closest packaging figure published in the price scales and catalogues. In this case, the Client undertakes to pay the relevant invoice.

## 11. Transfer of risks:

Transfer of ownership shall take place on departure from the factory, unless specific contractual conditions or conditions are stated on the order confirmation.

Upon transfer of ownership as set out in the order confirmation, the Client shall be responsible for risks of lost or damaged products, and liable for any damage it might cause. With effect from the transfer of ownership, the Client shall be responsible for all product transport risks, and all instructions given by us to the carrier shall be considered as issued by the Client, the recipient.

## 12. Claims:

**12.1 Non-conformity:** The condition, conformity, lack of any visible defect, compliance with delivery times and quantities delivered must be inspected upon delivery by the Client, in the presence of the carrier or our agent. The costs and risks relating to inspection are the Client's responsibility. Any claims must be mentioned on the carrier's receipt, and must be confirmed with us by registered letter with return receipt within 48 hours of delivery. Failing that, the products will be deemed accepted without reservation and we shall not be held liable for any visible lack of conformity in the products or for missing products.

**12.2 Hidden defects:** Hidden defects must be notified by the Client, by letter, fax or e-mail, within thirty days of the date on which it detected or should have detected the hidden defect. No notifications shall be taken into account if they occur more than one year after installing the products, unless specific instructions to the contrary are stated in the catalogues and notices.

**12.3 Proof of non-conformity or hidden defects - Return of products:** The Client shall provide all evidence of the existence of defects or faults, and all inspections or checks carried out directly by the Client shall remain its responsibility. We reserve the right to carry out directly, or through the intermediary of our choice, any inspections, checks or controls on our premises, the Client's premises, or a third party's premises. Any product returns must be previously agreed in writing by us, and may only take place if accompanied by the references on the delivery note and invoice in question. The costs and risks of return are the Client's responsibility.

**12.4 Penalties:** In accordance with Article L. 442-6 8° of the French Commercial Code, a claim or dispute shall not authorise the Client to automatically deduct penalties or discounts from the amount of the invoice issued by us, or to suspend payment thereof.

Fixed penalties are not permitted. Only penalties legitimised by the existence of a loss and proportionate to the breach committed may, where appropriate, be accepted.

## 13. Warranty:

**13.1 Purpose of warranty:** We only guarantee the conformity of the Products delivered with the features described in our catalogues, the conformity of specific products with the specifications sent by the Client, with the plans and where appropriate with the initial approved samples, and the conformity of services performed according to standard professional practice and the Client's specifications, to the exclusion of any other warranty.

**13.2 Warranty limitations:** The warranty will not be effective if the products are modified by services other than our own, or if the product is installed using techniques other than those suggested by our various documents in force, or in the event of use and/or storage of products not compliant with their intended use, the conditions of use, the installation instructions, our documents, and the guidelines for use set out by us. The warranty will not be effective if the damage noted is due to incompatibility between our products and components not supplied by us, or if the products become non-compliant with the mandatory standards subsequent to product delivery, or in the event of force majeure, or normal wear and tear to the products, or damage to the products caused by the Client's negligence, lack of checks or tests, lack of monitoring or maintenance of a defect caused by a design totally or partially unrelated to our company.

Products made to the Client's specifications are not covered by a warranty. For catalogue products, the warranty is determined per product, according to use.

**13.3 Scope of warranty:** The warranty is limited to our choice of replacing the non-compliant or faulty products with identical or similar products, or issuing a credit note, to the exclusion of any other compensation of any kind and for any reason, in favour of the Client. The replaced products shall remain our property.

If we are required to act and the warranty is not effective, the Client will be invoiced for all carriage costs incurred by us, plus a penalty of 20% of the price including VAT of the invoice in question, for handling, repackaging and administration charges, without prejudice to any other compensation (transport and removal charges etc.).

**13.4 Duration or terms of the contractual warranty:** If the contractual warranty is set out in the Product catalogue, it shall run from the date of transfer of ownership. The duration or terms of the warranty are given in our catalogues and user notices. The Client undertakes to inform its own clients of the product warranty terms.

## 14. Intended use of Products:

The Client is responsible for the intended use of the Products ordered. It shall ensure they are suitable for the intended use.

## 15. Liability:

If our liability is established, it shall be limited to the direct material loss caused to the Client as a result of the faults attributable to us during performance of the order. We shall not be liable for compensating the consequences of faults committed by the Client or third parties relating to performance of the order. We shall not be liable for loss resulting from use of the technical documents, plans, materials, information or data issued by the Client or imposed by the latter. We shall not under any circumstances be liable for compensating any intangible or indirect loss such as operating losses, loss of profit, opportunity, commercial loss, production stoppage, loss of earnings. Our civil liability, all causes combined, with the exception of physical injury and serious misconduct, is limited to the maximum amount of deliveries collected in consideration for the defective service. The Client shall ensure that its insurers or third parties with whom it has contractual relations shall waive any recourse against us or our insurers beyond the limits and exclusions set out above.

## 16. Price - Payment terms:

Unless specifically agreed, the prices are understood as «Ex-Works» (EXW Incoterms 2000), exclusive of tax, including packaging costs, and excluding transport and insurance charges. Taxes, levies and other charges shall remain the Client's responsibility. The invoices are payable by any means of payment to our company's head office, within 30 days end of the month, from the date of dispatch. The discount conditions are detailed in our price conditions in force on the day of the order. The actual placing of funds in our company's account shall constitute payment.

## 17. Payment delays:

In the event of delayed payment, we reserve the right at any time to suspend any delivery and/or dispatch relating to the sale in question and/or any order in progress. In the event of delayed payment, the Client will be liable for a late payment penalty calculated by applying an interest rate equal to three times the legal interest rate in force to the sums due, plus a fixed payment of 40 euros for recovery costs. We may also demand immediate payment of all unpaid due sums, cancel the sale in question and/or any order in progress as of right, withholding any deposits paid and retaining the products, without prejudice to any action for damages. Any subsequent contracts may be subject, even after partial delivery, to payment in cash terms or provision of additional guarantees to those initially envisaged.

## 18. New Client - Changes to the Client's situation:

In the event of a new client or event affecting the situation of a Client and/or its parent company or subsidiary, increasing our Company's risk of being unpaid, we may make acceptance of the order and/or delivery of the Products subject to advance payment or issuing of guarantees.

## 19. Reservation of title:

We shall retain ownership of the products until full payment of the price in principal, interest, costs and ancillary charges. Payment shall take place upon actual collection of the price. Delivery of a draft or any other title creating an obligation to pay shall not constitute payment. In the event of resale, the Client shall assign to us all its debts over third party buyers from the resale. Products in stock are deemed to be unpaid products, and we may draw up an inventory of these products at any time. In the event of non-payment, the Client shall return the unpaid products at its own cost, risk and peril, following a formal notice sent by registered mail with return receipt. Clients may not under any circumstances pledge, give as security or grant sureties over unpaid products.

## 20. Intellectual property:

Delivery of products shall not under any circumstances entail transfer of the intellectual or industrial property rights relating thereto. The Client shall inform us immediately of any legal action brought against it concerning the intellectual or industrial property of the products, and shall not take any measures without prior written agreement from us, as we alone have the right to direct proceedings and to decide on the action to be taken. The Client shall hold us harmless against all actions, claims or complaints brought by a third party as a result of the breach of intellectual or industrial property rights, resulting from manufacture of a product based on specifications or technical documents provided by the Client.

## 21. Confidentiality:

Any technical document and any technical, commercial, financial or legal information concerning our company or relating to our products of any kind, whether specific or not, which the Client becomes aware of, is confidential and shall remain our exclusive property. These documents and this information may not under any circumstances be published or transmitted in any manner whatsoever, to any third party, without prior written agreement.

## 22. Force majeure:

In the event of force majeure recognised as such by case law or if one of the following events occurs, considered as coming under force majeure: shortage of raw materials, strike, blockade, lock-out, attack, suspension of transport, bad weather conditions, the defaulting party shall inform the other party in writing that it is not able to fulfil its obligations, as soon as the event occurs. The contract shall be suspended until the event in question ceases, for a period not exceeding six months, after which the contract may be terminated as of right by either party, by registered mail with return receipt.



## Sliding Systems for Glass Doors



### MANTION S.A.S

7, rue Gay Lussac - ZI de Trépillot - F-25000 BESANÇON

Phone: +33 3 81 85 38 73/74 - Fax: +33 3 81 53 29 76

Web: <http://www.mantion.com> - Email: [export@mantion.com](mailto:export@mantion.com)