MANUAL SLIDING DOOR SYSTEMS

AGILE 50
AGILE 150 / AGILE 150 Syncro
AGILE 150 DORMOTION
RSP 80
RS 120 / RS 120 Syncro
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*NEW: Secure retention even with laminated safety glass without additional glass drilling / machining
DESIGN YOUR ROOMS THE WAY YOU WANT THEM

Whether for living or office areas, wherever elegant transitions from one room to another need to be provided, toughened glass dividers offer the architectural elegance of open, transparent, inviting access. Sliding doors also add a certain lightness and a more generous appearance to small rooms. Easy-to-install solutions mean that your space-defining idea in glass can be readily made reality.

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

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

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

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

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

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<td></td>
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<td>2,500</td>
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RSP 80
This sliding door system comes with a visible roller assembly capable of carrying glass or timber door panels of up to 80 kg suspended from the track. A plastics running surface ensures particularly smooth and quiet operation.

RS 120
Robust clamp-type carriers designed for glass or timber panels up to 120 kg. The visible system surface and finish is achieved on the basis of clip-on cover profiles.

<table>
<thead>
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<th>AGILE 150 DORMOTION</th>
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<td>150</td>
<td>80 / 150(^{(*)})</td>
<td>80</td>
<td>80 / 120 / 150(^{(*)})</td>
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<tr>
<td>830 / 1.160</td>
<td>910 / 1.160</td>
<td>1.410(^{(*)})</td>
<td>1.080</td>
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<tr>
<td>3,000</td>
<td>3,000</td>
<td>28–40</td>
<td>25–40</td>
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<td>8–13,5</td>
<td>8–13,5</td>
<td>8, 10</td>
<td>8, 10, 12</td>
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<td>28–40</td>
<td>28–40</td>
<td>25–40</td>
<td>26–35</td>
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<tr>
<td>8–13,5</td>
<td>8–13,5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>44</td>
<td>64</td>
<td>70</td>
</tr>
</tbody>
</table>

1) Glass machining only necessary for individual thumbturn or other handle types.
2) On request
3) 80 kg in the case of the Syncro version.
120 kg for glass or timber panels with two carriers.
150 kg for glass panels with three carriers.
4) Max. dimensions for timber panels (unlimited in the case of glass panels).

\(\text{DORMA} 5\)
AGILE 50

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AGILE 50
TINY DIMENSIONS – TREMENDOUS BENEFITS

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

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

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

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

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

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

No glass preparation
With clamp-type fittings, the need to drill and cut the glass is eliminated. Based on wide-ranging glass fabrication expertise, the suspension mounting has been designed so that the panels can be safely retained by the clamping effect alone. Installation is simple and uncomplicated and the time required – including that for glass panel production – is reduced to a minimum. The variable clamp-type carriers are able – as standard – to engage glass thicknesses between 8 and 10 mm. A further advantage of the clamp-type carrier: even after the installation of the glass panels, in situ vertical adjustment of +5/-3 mm can be carried out as required.

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

Modular system
The inherent handling ease coupled with a thoroughly systematic approach will greatly facilitate your planning work when implementing the AGILE 50 concept. Several set solutions for different fixing situations are available.
TYPICAL ASSEMBLIES FIXED AT WALL OR DIRECTLY AT TRACK/WALL

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

Max. weight of door panels
50 kg

**Calculation of glass height**
Fixed at wall:
GH = LH + X + 18 mm

**Calculation of glass width**
A = LW + 60 mm
(min. 500 mm)

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

---

**Definitions**

A = Glass width
B = Length of track
BL = Drilling line
GH = Glass height
H = All over height
LH = Clear opening height
LW = Clear opening width
t = Glass thickness
v = Distance wall to glass
Features and Data
For installations with one door leave; fixed at ceiling; for 8–10 mm glass thickness.

Max. weight of door panels
50 kg

Calculation of glass height
Fixed at ceiling:
\[ GH = LH - 31 \text{ mm} \]
(see drawing)

Calculation of glass width
\[ A = LW + 60 \text{ mm} \]
(min. 500 mm)

Torque for screws in the clamp-carriers
2 Nm

<table>
<thead>
<tr>
<th>t</th>
<th>Y</th>
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</thead>
<tbody>
<tr>
<td>8 mm</td>
<td>24 mm</td>
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<tr>
<td>10 mm</td>
<td>22 mm</td>
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A = Glass width
B = Length of track
GH = Glass height
H = All over height
LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 46 mm – (14 mm + t)
COMPACT TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS

Features and Data

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

Max. weight of door panels
50 kg

Calculation of door height

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

Calculation of glass width

A = LW + 60 mm

Torque for screws in the clamp-carriers
2 Nm

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

To ensure a correct and alligned mounting of the track rail, a fully supporting fixed panel must be installed.
CONCEPT
TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS

Glass preparation

Detail X

Tension release cut

Fixed at glass

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

Max. weight of door panels
50 kg

Calculation of door height
Fixed at wall:
\[ TH = H - 31 \text{ mm} \] (see drawing)

Calculation of glass width
A = LW + 60 mm

Torque for screws in the clamp-carriers
2 Nm

A = Glass width
B = Length of track
BA = Drilling distance
H = Total height
LH = Clear opening height
LW = Clear opening width
TH = Door height
t = Glass thickness
\( t_1 \) = Glass thickness
\( t_2 \) = Glass thickness

fixed panel (10–19 mm)
AGILE 50 Sliding door set
Track fixed at wall
complete, consisting of
1 track,
1 angle profile,
2 clamp-carriers (for 8–10 mm
glass thickness) with stabilizer,
2 endstops with safety catch,
1 AGILE floor guide

Panel width: 950 1450
Track: 1900 2900
Art. No.: 07.410 07.413

AGILE 50 Sliding door set
Fixed directly at track / wall
complete, consisting of
1 track,
1 angle profile,
2 clamp-carriers (for 8–10 mm
glass thickness) with stabilizer,
2 endstops with safety catch,
1 AGILE floor guide

Panel width: 950 1450
Track: 1900 2900
Art. No.: 07.427 07.428

AGILE 50 Sliding door set
Track fixed at ceiling
complete, consisting of
1 track,
1 cover profile,
2 clamp-carriers (8–10 mm
glass thickness)
with stabilizer, 2 endstops with
safety catch,
1 AGILE floor guide

Panel width: 950 1450
Track: 1900 2900
Art. No.: 07.411 07.414

AGILE 50 Sliding door set
Track fixed at ceiling
– without cover profile
complete, consisting of
1 track,
2 clamp-carriers (8–10 mm
glass thickness) with stabilizer,
2 endstops with safety catch,
1 AGILE floor guide

Panel width: 950 1450
Track: 1900 2900
Art. No.: 07.412 07.415
COMPACT SLIDING DOOR SETS, FIXED AT GLASS, FOR SELECTED CLEAR OPENING WIDTH

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

AGILE 50 sliding door set  
fixed at glass  
(2300 mm),  
counter profile (2300 mm),  
incl. fixing plates,  
AGILE 50 accessory set,  
end caps  
view protection brushes

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

CONCEPT SLIDING DOOR SET, FIXED AT GLASS, FOR INDIVIDUAL CLEAR OPENING WIDTH
COMPONENT PARTS FIXED AT WALL, DIRECTLY AT TRACK/WALL OR TO CEILING

**AGILE 50 track profile for ceiling/wall fixing, drilled**
- Art. No. 07.440
  - stock length 6000 mm
- Art. No. 07.441
  - in fixed length

**AGILE 50 track profile for direct track fixing to wall (without sidelights), drilled**
- Art. No. 07.444
  - in combination with 07.441
  - stock length 6000 mm
- Art. No. 07.454
  - in combination with 07.451
  - in fixed length

**AGILE 50 cover profile with ceiling fixing,**
to be clipped on the AGILE track rail Art. No. 07.440/450 + 07.444/454
- Art. No. 07.441
  - stock length 6000 mm
- Art. No. 07.451
  - in fixed length

**AGILE 50 angle profile with wall fixing,** for track rail
- Art. No. 07.442
  - stock length 6000 mm
- Art. No. 07.452
  - in fixed length

**AGILE 50 additional sheet profile,** necessary with ceiling fixing without cover profile
- Art. No. 07.443
  - stock length 6000 mm
- Art. No. 07.453
  - in fixed length
COMPONENT PARTS FIXED AT GLASS

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

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

**AGILE 50 counter profile**
fixed at glass

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

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

AGILE 50 ACCESSORY SET

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

Art. No. 07.716
stock length 6000 mm

Art. No. 07.717
stock length 6000 mm

Art. No. 07.282

Art. No. 07.732

Art. No. 07.425
ACCESSORIES

**AGILE 50 end cap**
Art. No. 07.727

**Spacer**
for sliding doors that move in opposite directions
Art. No. 29.420

**AGILE floor guide,**
adjustable for 8, 10, 12 and 13.5 mm glass thicknesses
Art. No. 07.316

**Brush profile,**
for gaps up to 13 mm
Art. No. 07.400
stock length 3000 mm

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

**Brush profile,**
for gaps up to 18 mm,
Art. No. 07.402
stock length 3000 mm

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

**Flat aluminium bar**
15 x 2.5 mm, by others

**Side panel**

**Sliding door**

**Track brush**
Art. No. 07.424
length 1250 mm
AGILE 150/AGILE 150 SYNCRO

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AGILE 150/AGILE 150 SYNCRO
TINY DIMENSIONS – TREMENDOUS BENEFITS

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

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

Sophisticated track roller technology
The AGILE 150 is able to meet a wide variety of customer requirements - up to and including their highest demands. Just two maintenance-free clamp-type carriers can support and transport glass panels of up to 150 kg. This is ensured by their special track roller technology, one which as well has proven successful over many years in applications involving horizontal sliding walls (DORMA HSW systems).

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

Ease of operation acc. to EN 1527, Class 3 (example:)
Glass pane height 3,000 mm width 1,400 mm thickn. 12 mm weight 128 kg
Allowed initial friction acc. to EN 1527: 51 N
Reached initial friction with AGILE 150: 22 N.

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

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

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

No glass preparation
With clamp-type fittings, the need to drill and cut the glass is eliminated. Based on wide-ranging glass fabrication expertise, the suspension mounting has been designed so that the panels can be safely retained by the clamping effect alone. Installation is simple and uncomplicated and the time required – including that for glass panel production – is reduced to a minimum.

The variable clamp-type carriers are able – as standard – to engage glass thicknesses between 8 and 13.5 mm and are continuously adjustable. A further advantage of the clamp-type carrier: even after the installation of the glass panels, in situ vertical adjustment of +/-5 mm can be carried out as required.

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

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

Modular system
The inherent handling ease coupled with a thoroughly systematic approach will greatly facilitate your planning work when implementing the AGILE 150 concept. Several set solutions for different fixing situations are available, as are individually tailored configurations.
NEW: SECURE RETENTION EVEN WITH LAMINATED SAFETY GLASS WITHOUT ADDITIONAL GLASS DRILLING / MACHINING

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

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

Less work – huge effect
With the new, easy-to-install specialty accessories package for the AGILE 150 range of architectural hardware, the risks associated with LSG are eliminated at a stroke. Once the clamp-type carrier has been attached to the glass panel, a special adhesive is applied to the innovative clamping screws and this then spreads over the glass via a special slot in the clamping plates. Despite the special characteristics of LSG, the ensuing combination of substantially reduced clamping force and additional adhesive bonding ensures that the glass panel is securely held on a much more permanent basis. The only slightly modified clamp-type carriers, destined to become part of the standard scope of supply as from April 2013, can also be used without problem in combination with the track elements employed for toughened safety glass systems, with all the successfully implemented adjustment features, such as in situ height alignment, remaining fully available.
TYPICAL ASSEMBLIES FIXED AT WALL OR DIRECTLY AT TRACK/WALL

Features and Data

**AGILE 150**
For installations with one or two door panels; fixed at wall or directly at track/wall; for 8–13.5 mm glass thickness, continuously adjustable
LSG (10–13.5 mm)
see page 37

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

**Calculation of glass height**
Fixed at wall:
GH = LH + X + 20 mm

**Calculation of glass width**
A = LW + 60 mm
(min. 500 mm)

Torque for screws in the clamp-carriers 12 Nm

<table>
<thead>
<tr>
<th>t</th>
<th>v</th>
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<tbody>
<tr>
<td>8 mm</td>
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<tr>
<td>10 mm</td>
<td>33 mm</td>
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<tr>
<td>12 mm</td>
<td>31 mm</td>
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<tr>
<td>13,5 mm</td>
<td>30 mm</td>
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</tbody>
</table>

**Option:**
Lateral sealing to wall
see page 41

Track fixed at wall beyond a frame on request.
TYPICAL ASSEMBLIES FIXED AT CEILING

Features and Data

AGILE 150
For installations with one or two door panels; fixed at ceiling for 8–13.5 mm glass thickness, continuously adjustable LSG (10 – 13,5 mm) see page 37

Max. weight of door panels
150 kg

Calculation of glass height
Fixed at ceiling:
GH = LH – 42 mm
(see drawing)

Calculation of glass width
A = LW + 60 mm
(min. 500 mm)

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

Torque for screws in the clamp-carriers 12 Nm

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

Features and Data

AGILE 150
For installations with one or two door panels, with sidelights; for 8–13.5 mm glass thickness, continuously adjustable LSG (10 – 13.5 mm) see page 37

Max. weight of door panels
150 kg

Calculation of glass height
Sliding panels:
GH1 = LH – 42 mm (see drawing right hand)
Sidelights:
GH2 = LH – 48 mm (see drawing left hand)

Calculation of glass width
Sliding panels:
A = LW + 30
A = LW / 2 + 28 (min. 500 mm) (see drawing at the top)
Sidelights:
S = A + 30 mm

Notes:
- In order to maximise the protection afforded to the glass, we recommend that spacer 29.420 be fitted to sliding doors that move in opposite directions (see page 41).
- Torque for screws in the clamp-carriers 12 Nm
TYPICAL ASSEMBLIES FOR FIXED GLASS ELEMENTS ALIGNED WITH SIDELIGHTS

Features and Data

AGILE 150

Calculation of glass height for fixed panels
Sidelights:
GH = LH – 48 mm

GH = Glass height
LH = Clear opening height
TYPICAL ASSEMBLIES FOR TIMBER APPLICATIONS

Features and Data

**AGILE 150 for timber applications**

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

**Max. weight of door panels**

150 kg

**Calculation of door height**

- TH = LH + X – 20 mm or
- TH = LH – 83 mm

(see drawing)

**Calculation of door width**

- A = LW + 40 mm
- A = LW / 2 + 20

(min. 500 mm)

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

A = Door width
B = Length of track
LH = Clear opening height
LW = Clear opening width
TH = Door height
\( u \) = thickness of timber
(28–40 mm)
COMPACT
TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS

Glass preparation

Fixed at glass

Features and Data

AGILE 150 to glass
in 3 predefined widths

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

Calculation of glass width
A = LW + 60 mm

Torque for screws in the clamp-carriers
12 Nm

Max. weight of door panel
150 kg

Calculation of glass height
TH = LH – 42 mm
(see drawing)

A = glass width
B = length of track
H = total height
LH = clear opening height
LW = clear opening width
TH = door height
t1 = glass thickness sliding
door (8 – 13.5 mm)
t2 = glass thickness
fixed panel (10 – 19 mm)
CONCEPT
TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS

Glass preparation

Fixed at glass

Features and Data

AGILE 150 to glass
in selectable exact widths according to customer specification

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

Max. weight of door panel
150 kg

Calculation of glass width
A = LW + 60 mm

Torque for screws in the clamp-carriers
12 Nm

Calculation of glass height
TH = LH – 42 mm
(see drawing)

A = glass width
B = length of track
BA = drilling distance
H = total height
LH = clear opening height
LW = clear opening width
TH = door height
t1 = glass thickness sliding door (8 – 13.5 mm)
t2 = glass thickness fixed panel (10 – 19 mm)
SLIDING DOOR SETS
FIXED AT WALL OR AT CEILING

AGILE 150 Sliding door set
Track fixed at wall
complete, consisting of
1 track,
1 angle profile,
2 clamp-carriers (for 8–13.5 mm
glass thickness) with stabilizer,
2 endstops with safety catch,
1 AGILE floor guide

Panel width | 950 | 1450
Track | 1900 | 2900
Art. No. | 07.300 | 07.302
Weight in kg | 8.000 | 11.600

AGILE 150 Sliding door set
Fixed directly at track / wall
complete, consisting of
1 track,
1 angle profile,
2 clamp-carriers (for 8–13.5 mm
glass thickness) with stabilizer,
2 endstops with safety catch,
1 AGILE floor guide

Panel width | 950 | 1450
Track | 1900 | 2900
Art. No. | 07.304 | 07.305
Weight in kg | 6.800 | 9.500

AGILE 150 Sliding door set
Track fixed at ceiling
complete, consisting of
1 track,
1 angle profile,
2 clamp-carriers (for 8–13.5 mm
glass thickness) with stabilizer,
2 endstops with safety catch,
1 AGILE floor guide

Panel width | 950 | 1450
Track | 1900 | 2900
Art. No. | 07.301 | 07.303
Weight in kg | 6.800 | 9.500
COMPACT SLIDING DOOR SETS,
FIXED AT GLASS, FOR SELECTED CLEAR OPENING WIDTH

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

<table>
<thead>
<tr>
<th>Clear opening width</th>
<th>850</th>
<th>1050</th>
<th>1250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track</td>
<td>1900</td>
<td>2300</td>
<td>2700</td>
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<tr>
<td>Art. No.</td>
<td>07.735</td>
<td>07.736</td>
<td>07.737</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Clear opening width</th>
<th>850 – 1050</th>
<th>1100 – 1350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track</td>
<td>1900 – 2300</td>
<td>2400 – 2900</td>
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<tr>
<td>Art. No.</td>
<td>07.738</td>
<td>07.739</td>
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</tbody>
</table>
COMPONENT PARTS FOR VERSION WITHOUT SIDELIGHTS

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

- Art. No. 07.340
  - stock length 6000 mm
- Art. No. 07.350
  - in fixed lengths
  - Weight in kg/m: 1.910

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

- Art. No. 07.343
  - in combination with 07.341
  - stock length 6000 mm
- Art. No. 07.356
  - in combination with 07.351
  - in fixed lengths
  - Weight in kg/m: 1.910

AGILE 150 cover profile, for ceiling fixed track, for clip-on to track profile

- Art. No. 07.340/350 + 07.343/356
- Art. No. 07.341
  - stock length 6000 mm
- Art. No. 07.351
  - in fixed lengths
  - Weight in kg/m: 0.520

AGILE 150 angle profile, for wall fixed track

- Art. No. 07.340/350
  - drilled
- Art. No. 07.342
  - stock length 6000 mm
- Art. No. 07.352
  - in fixed lengths
  - Weight in kg/m: 1.450
COMPONENT PARTS FOR VERSION WITH SIDELIGHTS

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

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

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

Weight in kg/m: 2.623

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

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

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

Weight in kg/m: 0.348

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

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

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

Weight in kg/m: 0.405

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

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

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

Art. No. 07.364/07.374 cannot be used without prepared view protection profiles (07.376/07.375).
COMPONENT PARTS AGILE 150 FIXED AT GLASS

AGILE 150
Glass connection profile
fixed at glass

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

Art. No. 07.711
stock length 6000 mm

AGILE 150 counter profile
fixed at glass

Art. No. 07.710
stock length 6000 mm

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

Art. No. 07.282

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

Art. No. 07.730

AGILE 150 ACCESSORY SET

AGILE 150 accessory set – Version 2010
consisting of:
2 clamp carriers for
8–13,5 mm glass thickness
(continuously adjustable),
2 endstops with safety catch
and anti jump device,
1 AGILE floor guide for
8–13,5 mm glass thickness
(continuously adjustable)

Art. No. 07.725

AGILE 150 accessory set as replacement for assemblies delivered up to Dec. 2009 on request.
If parts of replacement are required please mention the date of purchase.
AGILE 150 – ADDITIONAL ACCESSORIES FOR LAMINATED SAFETY GLASS (LSG)

Torque wrench
calibrated to 12 Nm
(adjustable 3,2–16 Nm)
Art. No. 07.624

LSG accessory set
for 1 pair of clamp carriers,
consisting of:
Special clamp plates and
gaskets, special clamp screws
Art. No. 07.640

Special adhesive for use with
LSG
incl. mixing jet
Use in combination with AGILE
150 laminated safety glass
accessory set Art.-No. 07.640
Art. No. 07.631

Automix-adapter for AGILE 150
for use with special adhesive
Art. No. 07.628

Automix-pistol for AGILE 150
for use with special adhesive
Art. No. 07.629
AGILE 150 / AGILE 150 SYNCRO ACCESSORIES

AGILE 150 SYNCRO SET

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

AGILE 150 Syncro set
for 2-panel synchronously opening system,
max. panel width 1000 mm,
max. panel weight 80 kg per panel,
consisting of:
2 x accessory set Art. No. 07.325,
1 x deflection device incl. cable, adjustable

Art. No. 07.330

Track profiles etc. have to be ordered separately.

Not applicable for LSG!
AGILE 150 – PREPARED PROFILES FOR SYNCRO APPLICATIONS

CEILING FIXING

AGILE 150 track profile for ceiling fixing, prepared for Syncro
(for applications without sidelights), drilled
Art. No. 07.353 in fixed lengths
Cover profile 07.351 has to be ordered separately, if required.

AGILE 150 track / sidelight profile, ceiling fixing
(for application with sidelights), prepared for Syncro, drilled
Art. No. 07.373 in fixed lengths
Sidelight / edge profile 07.361 and view protection profile 07.362 has to be ordered separately, if required.

AGILE 150 – PREPARED PROFILES FOR SYNCRO APPLICATIONS

WALL FIXING

AGILE 150 angel profile and track profile for wall fixing, prepared for Syncro, drilled
Art. No. 07.355 in fixed lengths

AGILE 150 angle profile and track profile for wall fixing between 2 walls, prepared for Syncro, drilled
Art. No. 07.354 in fixed lengths
AGILE 150 – PREPARED VIEW PROTECTION PROFILES FOR COMBINATION WITH SIDELIGHT INLAID PROFILE

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

AGILE 150 view protection profile for entry area in combination with sidelight inlaid profile 07.364/374 each for track 07.360/370

Art. No. 07.376
fixed dimension: 1580 mm

AGILE 150 view protection profile for entry area in combination with sidelight inlaid profile 07.364/374 each for track 07.360/370

Art. No. 07.375
in fixed length

AGILE 150 – END CAP

AGILE 150 end cap 54 mm for ceiling fixed track
Art. No. 07.340/350
Weight in kg: 0,012

AGILE 150 end cap 57 mm for wall fixed track
Art. No. 07.340/350
Weight in kg: 0,014
ACCESSORIES

**AGILE 150 end cap**
72 mm
for track with sidelight installation
Art. No. 07.360/370
Weight in kg: 0.014

**Spacer**
for sliding doors that move in opposite directions
Art. No. 07.722

**AGILE floor guide,**
adjustable for 8, 10, 12 and 13.5 mm glass thicknesses
Art. No. 07.316
Weight in kg: 0.094

**Brush profile,**
for gaps up to 13 mm
Art. No. 07.400
stock length 3000 mm
Art. No. 07.401
in fixed length (max. 3000 mm)

**Brush profile,**
for gaps up to 18 mm,
Art. No. 07.402
stock length 3000 mm
Art. No. 07.403
in fixed length (max. 3000 mm)

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

For further accessories see page 75–78.
COMPONENT PARTS FOR TIMBER APPLICATIONS

**AGILE 150 accessory set – Version 2010**
consisting of:
2 clamp carriers
2 endstops with safety catch and anti jump device,
1 floor guide for timber door panel

**Art. No. 07.745**
Weight in kg: 1.354

**AGILE 150 adapter profile**
drilled
stock length 6000 mm

**Art. No. 07.367**

**Art. No. 07.377**
in fixed length
AGILE 150 DORMOTION

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Typical assemblies
48–55

Fitting modules
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Accessories
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Glass preparation
63
AGILE 150 DORMOTION

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

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

Easy installation
The AGILE 150 DORMOTION system is available for single- and double-panel sliding doors and for wall-, direct track / wall and ceiling-fixed configurations as well as for assemblies with glass sidelights. It can also be installed with a glass overpanel. If preferred, a timber sliding panel can be used instead of the glass version. Prepared with a simple recess along the top edge of the glass for mounting the DORMOTION unit, the panels are fixed at the roller carrier by means of a clamping arrangement. After the panels have been hung in the track, adjustments can be performed directly at the carriers to compensate for structural and installation tolerances of +/- 5 mm.

Once the installation work has been completed, the end positions in the door in the opening and closing directions are defined, as is the location of the anti-lift device. All these settings can be changed at any time.

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

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

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

Less work – huge effect

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

The only slightly modified clamp-type carriers, destined to become part of the standard scope of supply as from April 2013, can also be used without problem in combination with the track elements employed for toughened safety glass systems, with all the successfully implemented adjustment features, such as in situ height alignment, remaining fully available.
TYPICAL ASSEMBLIES FIXED AT WALL OR DIRECTLY AT TRACK/WALL

Features and Data

**AGILE 150 DORMOTION**
For installations with one or two door panels; fixed at wall or directly at track / wall; for 8–13.5 mm glass thicknesses (continuous)
LSG (10 – 13,5 mm)
see page 57

Max. weight of door panels
80 kg for
DORMOTION Set Type L
150 kg for
DORMOTION Set Type XL

Calculation of glass height
GH = LH + X + 20 mm
(see drawing)

Calculation of glass width
A = LW + 60 mm
(min. 830 mm for
DORMOTION Set Type L,
min. 1160 mm for
DORMOTION Set Type XL)

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

Glass preparation
see page 63

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

Features and Data

AGILE 150 DORMOTION
For installations with one or two door panels; fixed at ceiling; for 8–13.5 mm glass thicknesses (continuous)
LSG (10 – 13.5 mm)
see page 57

Max. weight of door panels
80 kg for DORMOTION Set Type L
150 kg for DORMOTION Set Type XL

Calculation of glass height
GH = H - 42 mm
(see drawing)

Calculation of glass width
A = LW + 60 mm
(min. 830 mm for DORMOTION Set Type L,
min. 1160 mm for DORMOTION Set Type XL)

Torque for screws in the clamp-carriers 12 Nm

Glass preparation
see page 63

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

Glass preparation
see page 63

In case of using an adapter profile a timber sliding panel is possible (see on page 42).
TYPICAL ASSEMBLIES WITH SIDELIGHT, ON ONE SIDE

Features and Data

AGILE 150 DORMOTION
For installations with one door panel with sidelight, on one side, for 8–13.5 mm glass thicknesses (continuous)
LSG (10–13.5 mm)
see page 57

Max. weight of door leaves
80 kg for
DORMOTION Set Type L
150 kg for
DORMOTION Set Type XL

Calculation of glass height
G1 = H – 42 mm or
G2 = H – 58 mm
(see drawing)

Calculation of glass width at one sidelight (left/right)
A = LW + 30 mm
(min. 830 mm for
DORMOTION Set Type L,
min. 1160 mm for
DORMOTION Set Type XL)

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

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

Torque for screws in the clamp-carriers 12 Nm

Glass preparation see page 59

Table:
<table>
<thead>
<tr>
<th>t2</th>
<th>x</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 mm</td>
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<td>10 mm</td>
<td>24 mm</td>
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<tr>
<td>12 mm</td>
<td>23 mm</td>
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<tr>
<td>13.5 mm</td>
<td>22.5 mm</td>
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</tbody>
</table>
**Features and Data**

**AGILE 150 DORMOTION**

For installations with one door panel with sidelights, on both sides, for 8–13.5 mm glass thicknesses (continuous)

LSG (10 – 13,5 mm) see page 57

**Max. weight of door panels**

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

**Calculation of glass height**

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

**Calculation of glass width**

at sidelights left + right

A = LW + 60 mm

(min. 830 mm for DORMOTION Set Type L, min. 1160 mm for DORMOTION Set Type XL)

**Glass preparation**

see page 59

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

<table>
<thead>
<tr>
<th>t2</th>
<th>x</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 mm</td>
<td>25 mm</td>
</tr>
<tr>
<td>10 mm</td>
<td>24 mm</td>
</tr>
<tr>
<td>12 mm</td>
<td>23 mm</td>
</tr>
<tr>
<td>13.5 mm</td>
<td>22.5 mm</td>
</tr>
</tbody>
</table>

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

**AGILE 150 DORMOTION**

For installations with two door panels with sidelights, for 8 – 13.5 mm glass thicknesses (continuous)

LSG (10 – 13.5 mm) see page 57

**Max. weight of door panels**
80 kg for DORMOTION Set Type L
150 kg for DORMOTION Set Type XL

**Calculation of glass height**

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

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

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

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

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

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

<table>
<thead>
<tr>
<th>t2</th>
<th>x</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 mm</td>
<td>25 mm</td>
</tr>
<tr>
<td>10 mm</td>
<td>24 mm</td>
</tr>
<tr>
<td>12 mm</td>
<td>23 mm</td>
</tr>
<tr>
<td>13.5 mm</td>
<td>22.5 mm</td>
</tr>
</tbody>
</table>

**Glass preparation** see page 59

Version with sidelight
TYPICAL ASSEMBLIES FOR TIMBER DOORS

Features and Data

AGILE 150 DORMOTION
For installations with timber doors, fixed at wall or ceiling, for 28-40 mm timber elements

Max. weight of door panels
80 kg for DORMOTION Set Type L
150 kg for DORMOTION Set Type XL

Calculation of door height
\[ TH = LH + X - 20 \]
\[ TH = LH - 83 \]
(see drawing)

Calculation of door width
\[ A = LW + 60 \]
(max. 1410 mm)

\[ B = A \times 2 \]

Features and Data

AGILE 150 DORMOTION
For installations with timber doors, fixed at wall or ceiling, for 28-40 mm timber elements

Max. weight of door panels
80 kg for DORMOTION Set Type L
150 kg for DORMOTION Set Type XL

Calculation of door height
\[ TH = LH + X - 20 \]
\[ TH = LH - 83 \]
(see drawing)

Calculation of door width
\[ A = LW + 60 \]
(max. 1410 mm)

\[ B = A \times 2 \]

A = door width
(max. 1410 mm)
B = length of track
LW = clear opening width
(max. 1350 mm)
LH = clear opening height
TH = door height
u = timber thickness
(25-40 mm)

* up to 0 mm, if the assembly can be loaded from the side
** Screw-in the grub screw as anti-jump device
COMPACT
TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS

**Glass preparation**

**Fixed at glass**

**Features and Data**

**AGILE 150 DORMOTION to glass**
For installations with one panel fixed at glass,
for 8 – 13.5 mm glass thicknesses (continuous)
LSG (10 – 13.5 mm)
see page 57

**Max. weight of door panels**
80 kg for
DORMOTION Set Type L
150 kg for
DORMOTION Set Type XL

**Calculation of glass height**

TH = H – 42 mm
(see drawing)

**Calculation of glass width**

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

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

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

In case of using an adapter profile a timber sliding panel is possible (see on page 42).
CONCEPT
TYPICAL ASSEMBLIES SLIDING DOOR SETS, FIXED AT GLASS

Features and Data

AGILE 150 DORMOTION to glass
For installations with one panel fixed at glass,
for 8 – 13.5 mm glass thicknesses (continuous)
LSG (10 – 13,5 mm)
see page 57

Max. weight of door panels
80 kg for
DORMOTION Set Type L
150 kg for
DORMOTION Set Type XL

Calculation of glass height
TH = H – 42 mm
(see drawing)

Calculation of glass width at sidelights left + right
A = LW + 60 mm
(min. 910 mm for
DORMOTION Set Type L,
min. 1310 mm for
DORMOTION Set Type XL)

Torque for screws in the clamp-carriers
12 Nm

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

In case of using an adapter profile a timber sliding panel is possible (see on page 42).
AGILE 150 DORMOTION Set Type L (up to 80 kg), consisting of:
- 2 clamp carriers with end stop,
- anti-jump mechanism,
- 1 floor guide,
- both-way cushioning/spring mechanism (DORMOTION),
- Set Type L + starter,
- 2 end caps

Art. No. 07.582

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

Art. No. 07.583

ROLLER CARRIER SETS
ADDITIONAL ACCESSORIES FOR LAMINATED SAFETY GLASS (LSG)

- **LSG accessory set**
  - for 1 pair of clamp carriers,
  - consisting of:
    - special clamp plates and gaskets, special clamp screws
  - Art. No. 07.640

- **Special adhesive for use with LSG**
  - incl. mixing jet
  - Use in combination with AGILE 150 laminated safety glass accessory set Art.-No. 07.640
  - Art. No. 07.631

- **Automix-adapter for AGILE 150 DORMOTION**
  - for use with special adhesive
  - Art. No 07.627
  - Art. No. 07.628

- **Automix-pistol for AGILE 150 DORMOTION**
  - for use with special adhesive
  - Art. No 07.627
  - Art. No. 07.629
### PROFILE SETS

<table>
<thead>
<tr>
<th>Profile Set</th>
<th>Description</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AGILE 150 DORMOTION</strong></td>
<td>Profile set for track fixed at ceiling, fixed length, consisting of: AGILE 150 DORMOTION track rail for wall and ceiling installation, AGILE 150 DORMOTION angle profile for ceiling installation (min. panel width 830 mm type L, 1160 mm type XL)</td>
<td>07.590</td>
</tr>
<tr>
<td><strong>AGILE 150 DORMOTION</strong></td>
<td>Profile set for track fixed at ceiling, fixed length, consisting of: AGILE 150 DORMOTION track rail for wall and ceiling installation, AGILE 150 DORMOTION angle profile for wall installation (min. panel width 830 mm type L, 1160 mm type XL)</td>
<td>07.591</td>
</tr>
<tr>
<td><strong>AGILE 150 DORMOTION</strong></td>
<td>Profile set fixed directly at track / wall, fixed length, consisting of: AGILE 150 DORMOTION track rail for direct track / wall installation, AGILE 150 DORMOTION angle profile for ceiling installation (min. panel width 830 mm type L, 1160 mm type XL)</td>
<td>07.593</td>
</tr>
<tr>
<td><strong>AGILE 150 DORMOTION</strong></td>
<td>Profile set for track fixed at ceiling, fixed length, consisting of: AGILE 150 DORMOTION track rail, angle-, sidelight-, view protection- and filling profile (min. panel width 830 mm type L, 1160 mm type XL)</td>
<td>07.592</td>
</tr>
</tbody>
</table>
COMPACT SLIDING DOOR SETS FIXED AT GLASS FOR SELECTED CLEAR OPENING WIDTH

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

Clear opening width | 850 | 1050
Track | 1900 | 2300
Art. No. | 07.700 | 07.701

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

Art. No. 07.702

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

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

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

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

AGILE 150 DORMOTION track rail for wall and ceiling installation
Art. No. 07.560
stock length 6000 mm

AGILE 150 DORMOTION track rail for direct track fixing to wall
in combination with 07.561
Art. No. 07.566
stock length 6000 mm

AGILE 150 DORMOTION angle profile for ceiling installation / direct track fixing to wall
in connection with Art. Nr. 07.560/566
Art. No. 07.561
stock length 6000 mm

AGILE 150 DORMOTION angle profile for wall installation
Art. No. 07.562
stock length 6000 mm

AGILE 150 DORMOTION fixing plates
fixed at glass (bag with 2 pcs.), incl. connecting screws
Art. No. 07.282
COMPONENT PARTS AGILE 150 AT GLASS

AGILE 150 DORMOTION
sidelight profile
only in connection with 07.562
Art. No. 07.563
stock length 6000 mm

AGILE 150 DORMOTION
view protection profile for
versions with sidelights
Art. No. 07.564
stock length 6000 mm

AGILE 150 DORMOTION
filling profile for sidelight profile
07.563
Art. No. 07.565
stock length 6000 mm

AGILE 150 DORMOTION
Glass connection profile
fixed at glass
Note: The profile has to be
adapted with drillings for fixing
to glass individually on site.
Art. No. 07.712
stock length 6000 mm

AGILE 150 DORMOTION
counter profile
fixed at glass
Art. No. 07.710
stock length 6000 mm

AGILE 150 DORMOTION
set end caps
fixed at glass
(track + counter profile
each left / right)
Art. No. 07.731
ACCESSORIES

Track brush
Art. No. 07.385
length 1250 mm

Set end caps
for AGILE DORMOTION
Art. No. 07.724
for wall and ceiling installation

Set end caps
for AGILE DORMOTION
Art. No. 07.726
for versions with sidelights

AGILE 150 adapter profile
Art. No. 07.378
in connection with
DORMOTION Set L
in fixed lengths

AGILE 150 adapter profile
Art. No. 07.379
in connection with
DORMOTION Set XL
in fixed lengths
GLASS PREPARATION

Cushioning/spring mechanism L: door width min. 830 mm; weight max. 80 kg

Cushioning/spring mechanism XL: door width min. 1160 mm; weight max. 150 kg

AGILE 150 DORMOTION
Set Type L
(up to 80 kg)

AGILE 150 DORMOTION
Set Type XL
(up to 150 kg)
RSP 80

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A SAFE CONNECTION

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

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

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

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

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

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

---

A = LW + 80 mm
B = A x 2

Sliding door
Wall

Detail glass drilling

A = glass width
B = track length
LW = Clear opening width
t = glass thickness (8 + 10 mm)
GLASS APPLICATIONS

GH = Glass height
LH = Clear opening height
t = Glass thickness
v = Gap between door panel and wall

<table>
<thead>
<tr>
<th>t</th>
<th>v</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 mm</td>
<td>14.5 mm</td>
</tr>
<tr>
<td>10 mm</td>
<td>12.5 mm</td>
</tr>
</tbody>
</table>

*Adjustment of height using grub screw (SW2.5) about ±2.5 mm

SET AND COMPONENTS FOR GLASS APPLICATIONS

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

Art. No. 30.700
Weight in kg 5.6

Components
Roller carrier, stop and floor guide
Art No. 30.701

RSP 80 track profile for mounting to wall
Art No. 30.705
stock length 6000 mm

RSP 80 track profile for mounting to wall (should not go below min. door width 800 mm / track profile 1600 mm)
Art No. 30.706
in fixed length
TIMBER APPLICATIONS

In the field of drilling the door must be massive

The side overhang of the sliding door should be 40 mm

A = timber door width
B = track length
LW = clear opening width
u = timber thickness (25–40 mm)
TH = Door height
LH = Clear opening height
u = Timber thickness
(25 - 40 mm)
v = Gap between door panel and wall

<table>
<thead>
<tr>
<th>u</th>
<th>v</th>
<th>w</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 mm</td>
<td>10.3 mm</td>
<td>18.5 mm</td>
</tr>
<tr>
<td>30 mm</td>
<td>17.3 mm</td>
<td>30.5 mm</td>
</tr>
<tr>
<td>35 mm</td>
<td>12.3 mm</td>
<td>30.5 mm</td>
</tr>
<tr>
<td>40 mm</td>
<td>7.3 mm</td>
<td>30.5 mm</td>
</tr>
</tbody>
</table>

*Adjustment of height using grub screw (SW2.5) about ±2.5 mm

**SET AND COMPONENTS FOR TIMBER APPLICATIONS**

Set

RSP 80 sliding door set for timber applications (25–40 mm)
consisting of track profile for max. panel width 1080 mm, roller, stopper and floor guide,
material: aluminium EV1-Deco

Art. No. 30.707
Weight in kg 5.6

Components

Roller carrier, stop and floor guide for timber applications

Art No. 30.708

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

Art No. 30.712
stock length 6000 mm

RSP 80 track profile for mounting to wall (timber applications)
(should not go below min. door width 800 mm / track profile (1600 mm)

Art No. 30.713
in fixed length
RS 120 / RS 120 SYNCRO

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Sliding door system
timber doors
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Fitting modules
75–76

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RS 120 / RS 120 SYNCRO

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

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

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

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

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

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

No glass preparation
DORMA-Glas has a wide experience in working with toughened glass, and this has led to the development of a clamping system which is all that is required for securing the glass blades in DORMA RS sliding door gear. This has the additional benefit of allowing some door height adjustment, after the doors is hung, without dismantling the already fixed glass.
**TYPICAL ASSEMBLIES**

**Features and Data**

**RS 120**
For one or more door panels, with or without sidelights; 8, 10 and 12 mm glass thickness.

**Maximum weight of door panels**

<table>
<thead>
<tr>
<th>No. of carriers</th>
<th>max weight (kg) per door leaf</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>120</td>
</tr>
<tr>
<td>3</td>
<td>150</td>
</tr>
</tbody>
</table>

**Calculation of glass height**

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

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

**Calculation of glass width**

Width of sliding door leaf
\[ A = LW + 40 \text{ (min. 500)} \]

Width of sidelight
\[ S = A + 40 \]

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

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

\[ A = \text{Width of door leaf} \]
\[ B = \text{Length of track} \]
\[ GH1 = \text{Glass height of sliding door leaf} \]
\[ GH2 = \text{Glass height of sidelight} \]
\[ GE = \text{Glass rebate depth} \]
\[ LH = \text{Clear opening height} \]
\[ LW = \text{Clear opening width} \]
\[ S = \text{Width of sidelight} \]
\[ t = \text{Glass thickness} \]

---

Adjustable floor guide

<table>
<thead>
<tr>
<th>t</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 mm</td>
<td>23 mm</td>
</tr>
<tr>
<td>10 mm</td>
<td>21 mm</td>
</tr>
<tr>
<td>12 mm</td>
<td>19 mm</td>
</tr>
</tbody>
</table>
SLIDING DOOR SYSTEM FOR TIMBER DOORS

Features and Data

RS 120
For one or more door panels.

Maximum weight of door panels

<table>
<thead>
<tr>
<th>No. of carriers</th>
<th>max weight (kg) per door leaf</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>120</td>
</tr>
</tbody>
</table>

Calculation of door panel height

Height of sliding door leaf

\[ TH = LH - 90 \]

(see drawing left hand)

TH = door height
LH = clear opening height
Sliding door gear RS 120
complete, consisting of
1 track,
2 carriers with clamping
patches and support screw for
8 and 10 mm glass thicknesses,
2 end stops and
1 floor guide.

<table>
<thead>
<tr>
<th>Track length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1900</td>
</tr>
<tr>
<td>2900</td>
</tr>
</tbody>
</table>

B in mm

<table>
<thead>
<tr>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>07.101</td>
</tr>
<tr>
<td>07.102</td>
</tr>
</tbody>
</table>

Weight in kg:

| 4.503        |
| 5.858        |

Sliding door gear RS 120 Syncro
For 2-panel synchronously
opening system,
max. panel width
= 2 x 1000 mm,
max. panel weight
= 80 kg per panel,
consistent of:
2 x accessory set 07.125
1 x deflection device incl. cable,
adjustable

Art. No. 07.150

Track, if necessary sidelight
profile, cover profile + view
protection profile have to be
ordered separately
(see page 76).
COMPONENT PARTS RS 120/RS 120 SYNCRO

Track profile
prepared for top or side fixing

**Art. No. 07.131**
fixed length

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

Weight in kg/m: 1.355

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

**Art. No. 07.141**
fixed length

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

Weight in kg/m: 0.826

Sidelight profile
connectable to track, non prepared

**Art. No. 07.132**
fixed length

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

Weight in kg/m: 1.680

Bottom view protection profile
(only in combination with sidelight profile 07.132/122 and cover profile 07.141/140)

**Art. No. 07.137**
fixed length

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

Weight in kg/m: 0.164
ACCESSORIES RS 120/RS 120 SYNCRO

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

Additional carrier with clamping patches
(8 and 10 mm glass thicknesses)
for max. panel weight 150 kg

Pair of intermediate aluminium plates
for 12 mm glass thickness
(for 2 clamping parts)
(not illustrated)

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

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

Spacer for sliding doors that move in opposite directions

Art. No. 07.125
Art. No. 07.123
Art. No. 07.118
Art. No. 07.127
Art. No. 07.129
Art. No. 29.420

Weight in kg: 0.037
Weight in kg: 0.037
FLOOR GUIDE

Floor guide, adjustable
Art. No. 07.126
Weight in kg: 0.024

For further accessories see page 79–82.

COMPONENT PARTS FOR RS 120 FOR TIMBER APPLICATIONS

RS 120 accessories for timber applications consisting of:
2 carriers,
2 end stops with safety catch,
1 floor guide
Art. No. 07.135
Hook lock for sliding doors, nightlatch function, suitable for aluminium lever handles with round roses (10.307), prepared for Europrofile cylinder, left hand and right hand, with lock keeper plate

suitable for lever handles with follower

Strike box to suit hook lock 05.200, 05.202, non-handed

U-profile 20 x 20 x 20 x 2 mm

U-profile 30 x 20 x 30 x 2 mm

Art. No. 05.200
Weight in kg: aluminium 1.325

Art. No. 05.202
Weight in kg: aluminium 1.325

Art. No. 05.201
Weight in kg: aluminium 0.890

Art. No. 07.092
stock length 6000 mm

Art. No. 07.093
fixed length

Weight in kg/m: alumin. 0.336

Art. No. 07.097
stock length 6000 mm

Art. No. 07.096
fixed length

Weight in kg/m: alumin. 0.448
DOOR KNOB, FLUSH PULL, ARCOS HANDLE BAR

**Door knob, aluminium**

Art. No. 07.201
Weight in kg: 0.400

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

Art. No. 07.200
Weight in kg: 0.072

**ARCOS handle bar**

Satin stainless steel or aluminium, for 8, 10 and 12 mm glass thicknesses

Art. No. 26.500
Length 350 mm
2 hole fixing

Art. No. 26.510
Length 750 mm
2 hole fixing
PAIR OF HANDLE BARS

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

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

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

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

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

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

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

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

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

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

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

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

*Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see next page
CONVERSION SETS FOR BACK TO BACK PULL HANDLES

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

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

**Conversion set**
- **Art. No. 21.285**
  - for glass doors,
  - back to back pull handles
  - Glass thicknesses
  - 13.5 – 21.5 mm

**Conversion set**
- **Art. No. 21.286**
  - for timber doors,
  - back to back pull handles
  - Door thicknesses 20 – 40 mm

The printed colours indicating the surface finishes are not 100% true, but do provide a useful guide.

Statements made with regard to the nature or use of the products are for the purposes of description. Assent with regard to the existence of particular properties or particular uses always requires special written agreement. Pictures may show special designs which are different to the standard scope of delivery.

Subject to change without notice.
PLANNING TOOL

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

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

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

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

SAFETY-RELATED INFORMATION

Important safety-related information for the mounting and use of DORMA glass fittings. (Follow these instructions in addition to the mounting and operating instructions in order to avoid damage of product and damage to person or property.)

Important: All users have to be informed about relevant points mentioned in these safety-related information and the mounting and operating instructions!

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

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

Maintenance
Check fittings at regular intervals for proper positioning and smooth running and door for correct adjustment. Especially highly-frequented door systems require inspection by properly qualified staff (specialised companies or installation firms). Immediately replace damaged class elements (no glass flaking and/or conchoidal fractures)!

GENERAL CARE INSTRUCTIONS FOR THE FITTINGS

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

- For metallic surfaces (anodised finishes, stainless steel) please use appropriate cleaning agents without abrasive additives only.
- For varnished surfaces please use appropriate solvent-free cleaning agents only.