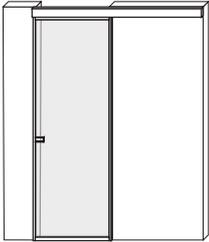


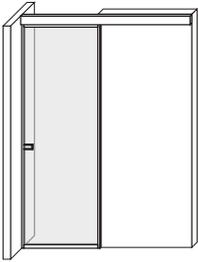
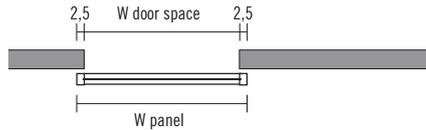
# 3\_Less Ceiling track systems

Ceiling beams can be used when the track can be fastened to an overhead load-bearing structure. Always remember to measure the extremities and the centre of the door space carefully, and then indicate these figures in your order.

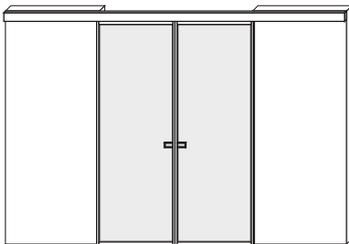
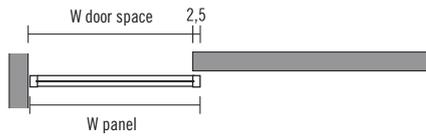
## 1-way ceiling track



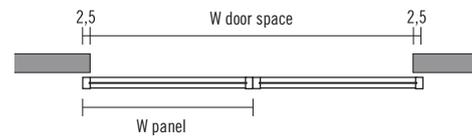
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 5 \text{ cm}$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$



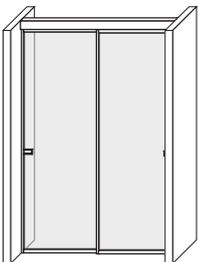
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 2,5 \text{ cm}$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$



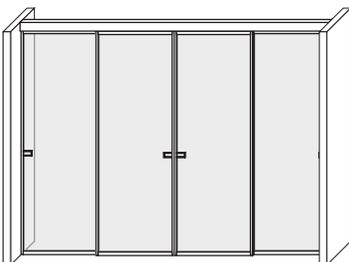
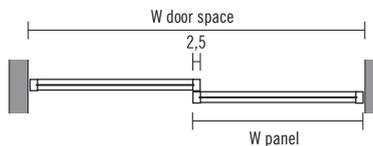
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 5 \text{ cm} : 2$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$



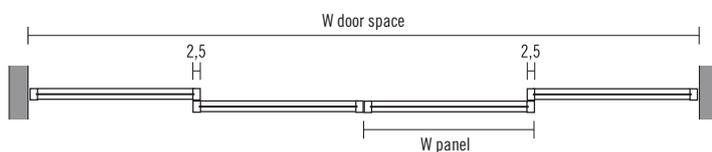
## 2-way ceiling track



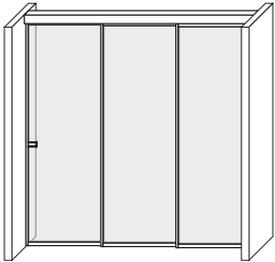
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 2,5 \text{ cm} : 2$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$



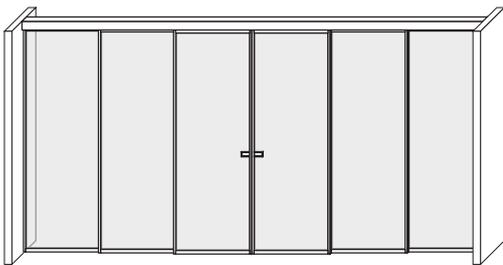
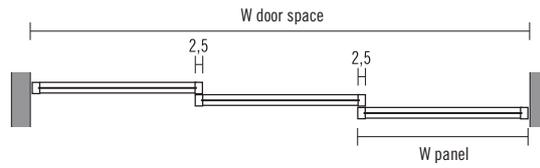
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 5 \text{ cm} : 4$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$



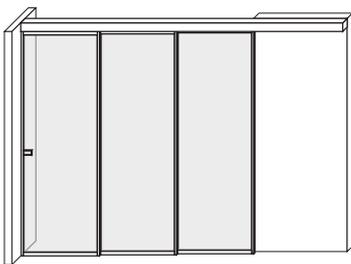
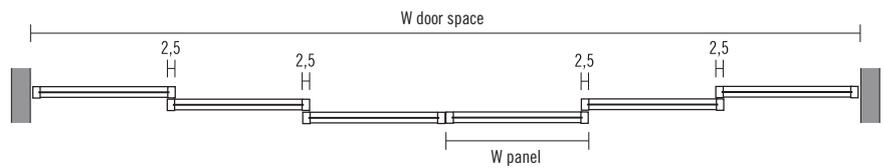
3-way ceiling track



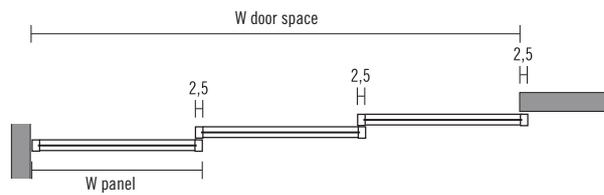
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 5 \text{ cm} : 3$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$



Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 10 \text{ cm} : 6$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$



Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 7,5 \text{ cm} : 3$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} - 5,8 \text{ cm}$

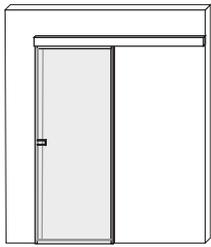


# 3\_Less Wall track systems

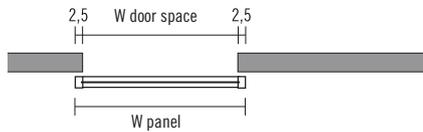
Wall beams should be used to fasten the panels directly to the wall.  
The depth of the beam is determined by the number of tracks.

**Please specify in your order if the track is to be positioned flush with the ceiling.**

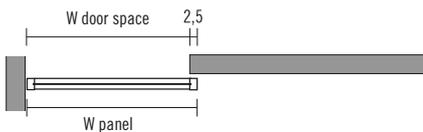
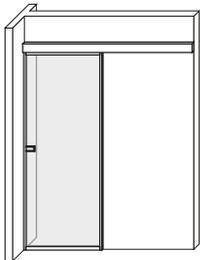
## 1-way wall track



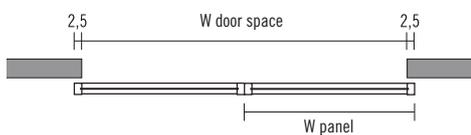
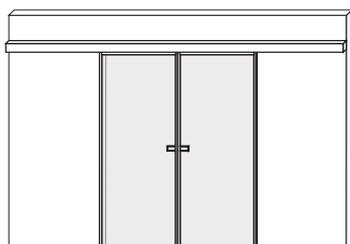
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 5 \text{ cm}$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} + 2 \text{ cm}$   
 $H_{\text{total composition}} = H_{\text{panel}} + 5,5 \text{ cm}$



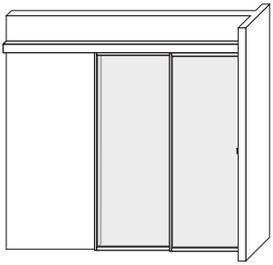
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 2,5 \text{ cm}$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} + 2 \text{ cm}$   
 $H_{\text{total composition}} = H_{\text{panel}} + 5,5 \text{ cm}$



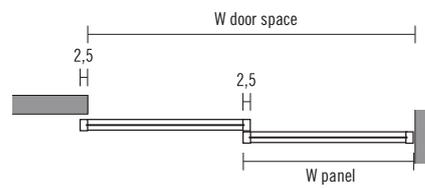
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 5 \text{ cm} : 2$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{door space}} + 2 \text{ cm}$   
 $H_{\text{total composition}} = H_{\text{panel}} + 5,5 \text{ cm}$



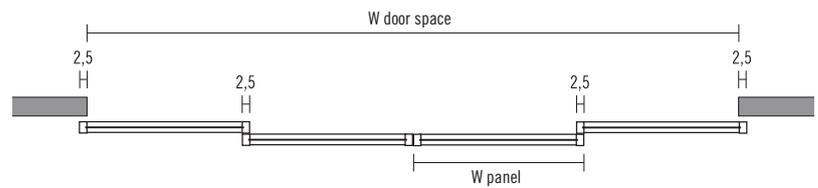
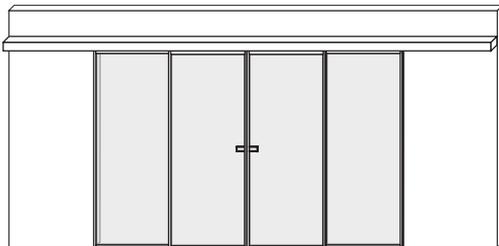
## 2-way wall track



Width calculations  
 $W \text{ panel} = W \text{ door space} + 5 \text{ cm} : 2$   
Height calculations  
 $H \text{ panel} = H \text{ door space} + 2 \text{ cm}$   
 $H \text{ total composition} = H \text{ panel} + 11,7 \text{ cm}$



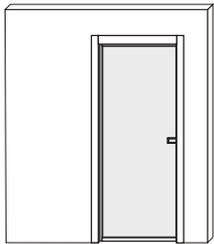
Width calculations  
 $W \text{ panel} = W \text{ door space} + 10 \text{ cm} : 4$   
Height calculations  
 $H \text{ panel} = H \text{ door space} + 2 \text{ cm}$   
 $H \text{ total composition} = H \text{ panel} + 11,7 \text{ cm}$



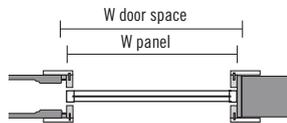
# 3\_Less Pocket doors with wood jamb

Less panels can be inserted into hidden counterframes.

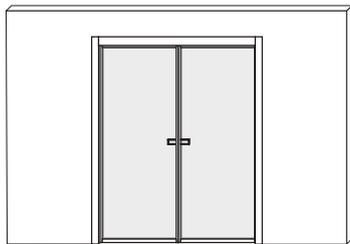
## Single pocket door



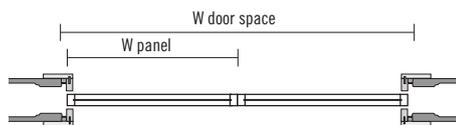
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} - 2,5 \text{ cm}$   
Height calculations  
H panel = depends on the brand of the counterframe  
(can vary from -4 cm to -3 cm from the floor/below-track height)



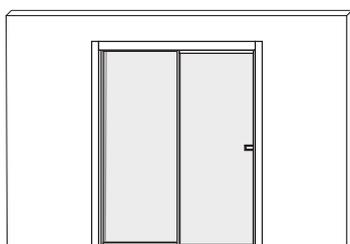
## Double pocket door



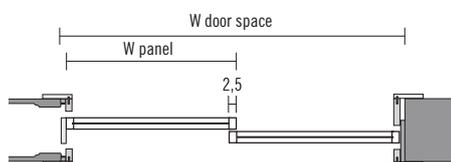
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} - 3 \text{ cm} : 2$   
Height calculations  
H panel = depends on the brand of the counterframe  
(can vary from -4 cm to -3 cm from the floor/below-track height)



## Pocket doors with double tracks

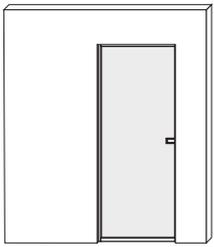


Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} : 2$   
Height calculations  
H panel = depends on the brand of the counterframe  
(can vary from -4 cm to -3 cm from the floor/below-track height)

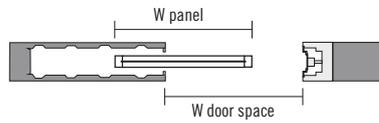


# 3\_Less Pocket doors without jamb

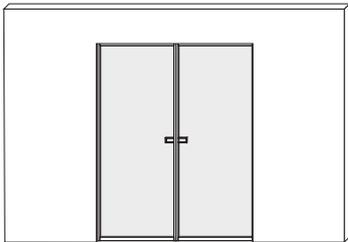
## Single pocket door



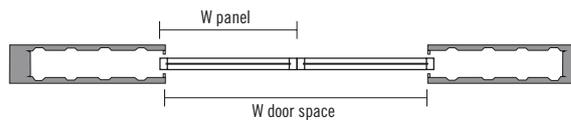
Width calculations  
W panel = depends on the brand of the counterframe  
(variable from + 1,6 cm to + 3,5 cm compared to the size of the door space)  
Height calculations  
H panel = depends on the brand of the counterframe  
(variable from - 0,7 cm to - 1 cm from the height of the door space)



## Double pocket door



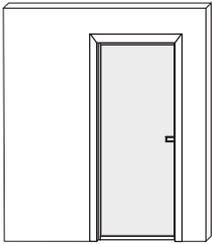
Width calculations  
W panel = depends on the brand of the counterframe  
(variable from + 1,6 cm to + 3,5 cm : 2 compared to the size of the door space)  
Height calculations  
H panel = depends on the brand of the counterframe  
(variable from - 0,7 cm to - 1 cm from the height of the door space)



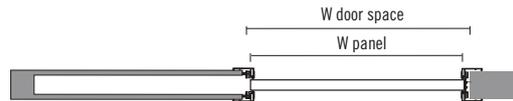
# 3\_Less

Pocket doors with aluminium jamb

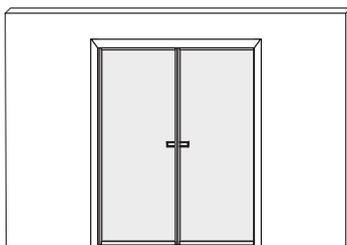
## Single pocket door



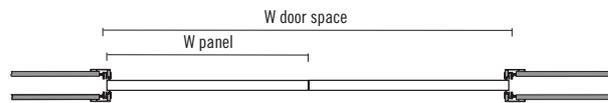
Width calculations  
 $L_{\text{panel}} = L_{\text{door space}} - 3,8 \text{ cm}$   
Height calculations  
 $H_{\text{panel}} =$  depends on the brand fo the counterframe  
(can vary from - 4 cm to - 3 cm from the floor/below-track height)



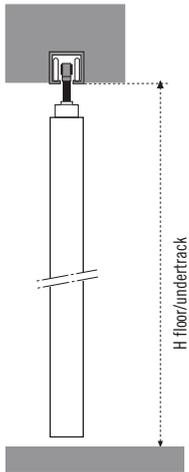
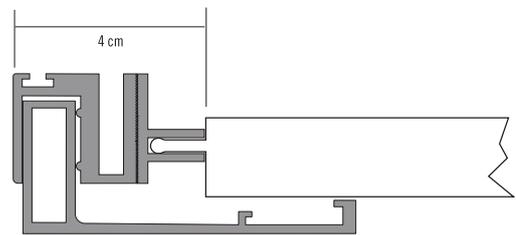
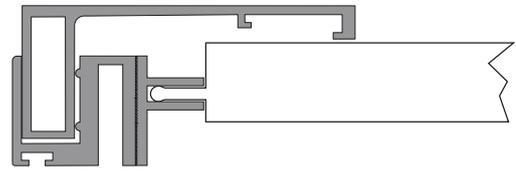
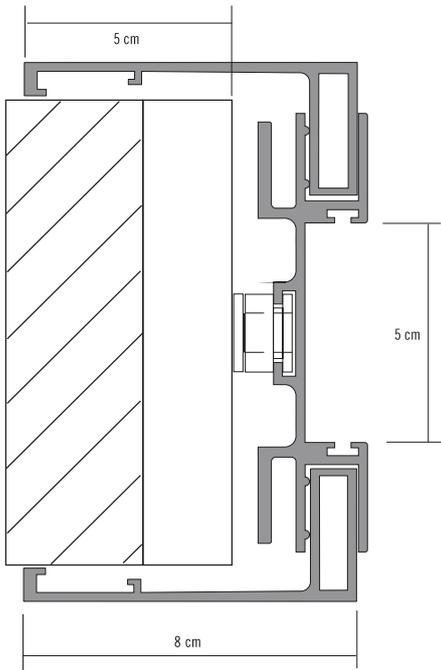
## Double pocket door



Width calculations  
 $L_{\text{panel}} = L_{\text{door space}} - 3 \text{ cm} : 2$   
Height calculations  
 $H_{\text{panel}} =$  depends on the brand of the counterframe  
(can vary from - 4 cm to - 3 cm from the floor/below-track height)

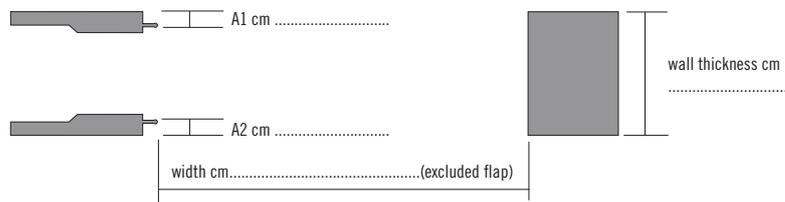


# 3\_Less Aluminium jamb

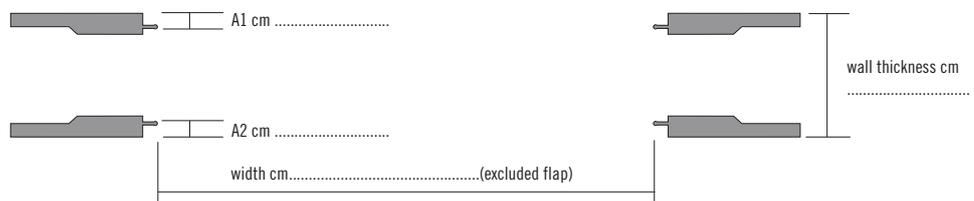


Indicate presence, position and size of tiles (A1 - A2)

## Single



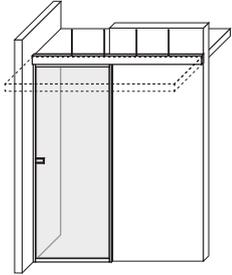
## Double



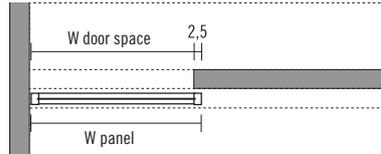
# 3\_Less Recessed tracks

It is possible to install the rails in plasterboard ceilings after installing the appropriate carter.

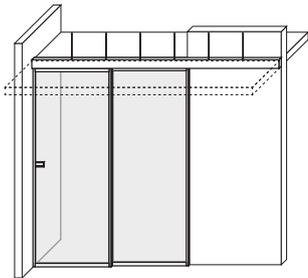
## 1-way recessed track



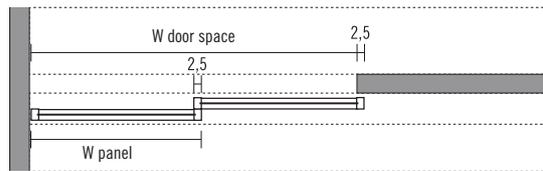
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 2,5 \text{ cm}$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{Floor/Under-rail}} \text{ (see page 31)} - 1,8 \text{ cm}$



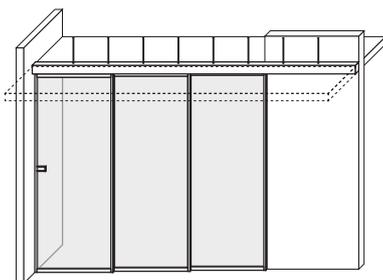
## 2-way recessed track



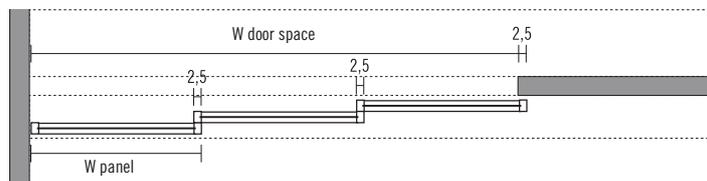
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 5 \text{ cm} : 2$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{Floor/Under-rail}} \text{ (see page 31)} - 1,8 \text{ cm}$



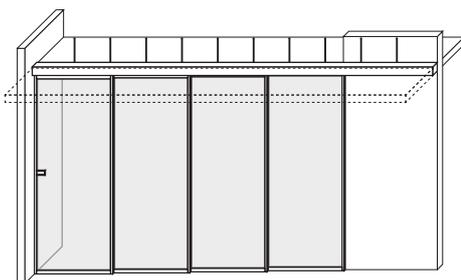
## 3-way recessed track



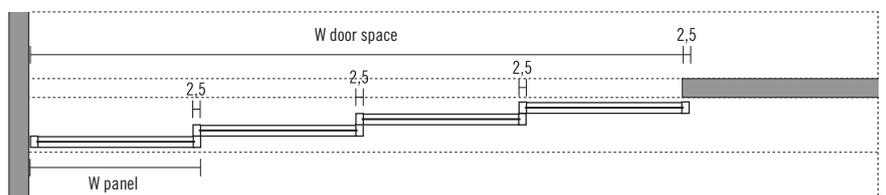
Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 7,5 \text{ cm} : 3$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{Floor/Under-rail}} \text{ (see page 31)} - 1,8 \text{ cm}$



## 4-way recessed track

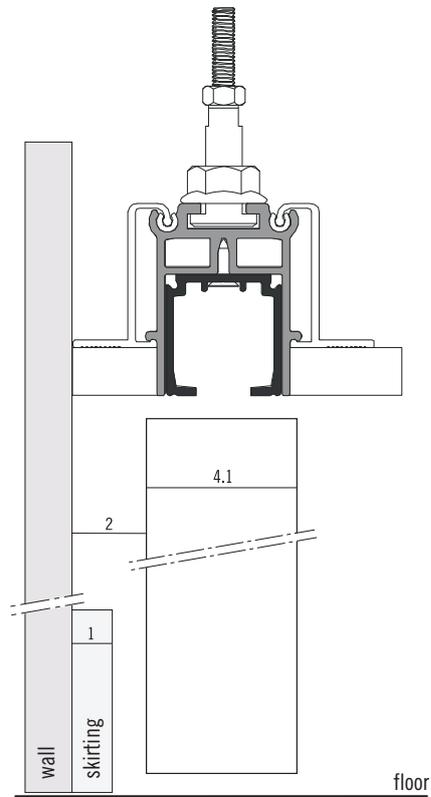
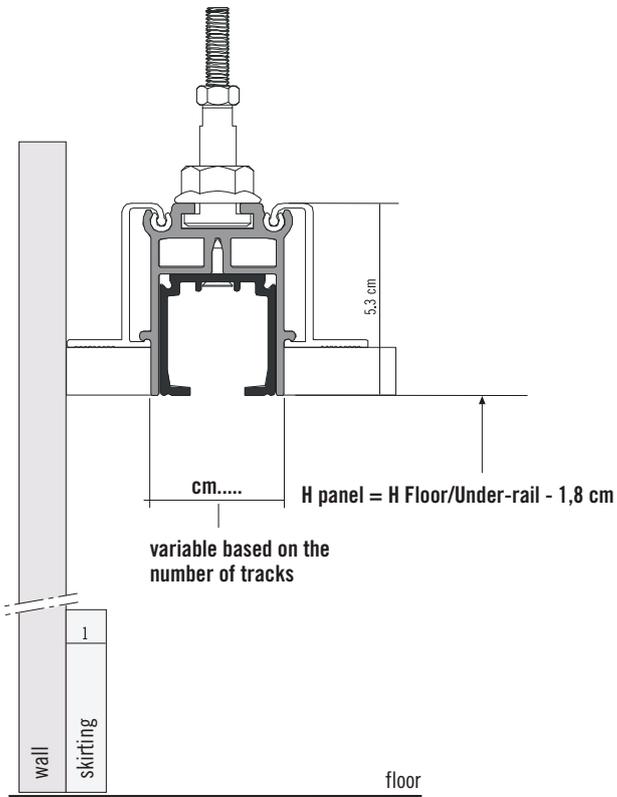


Width calculations  
 $W_{\text{panel}} = W_{\text{door space}} + 10 \text{ cm} : 4$   
 Height calculations  
 $H_{\text{panel}} = H_{\text{Floor/Under-rail}} \text{ (see page 31)} - 1,8 \text{ cm}$



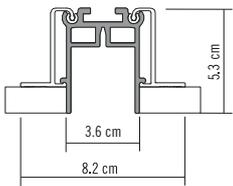
# 3\_Less

Dimensions for recessed tracks

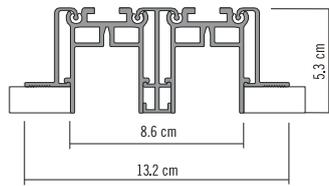


## Carter dimensions

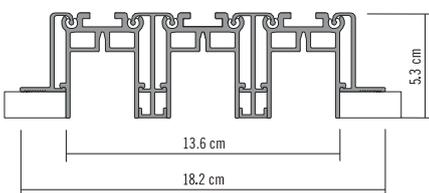
1-way Carter



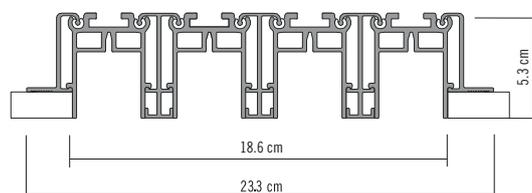
2-way Carter



3-way Carter



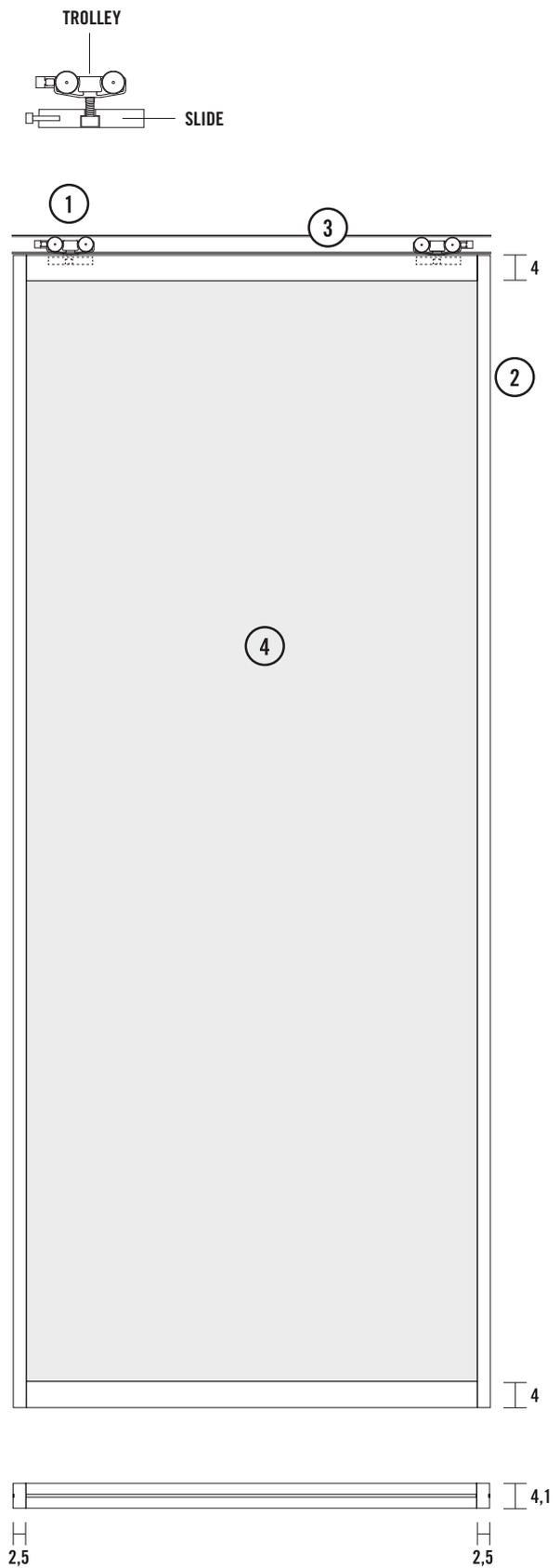
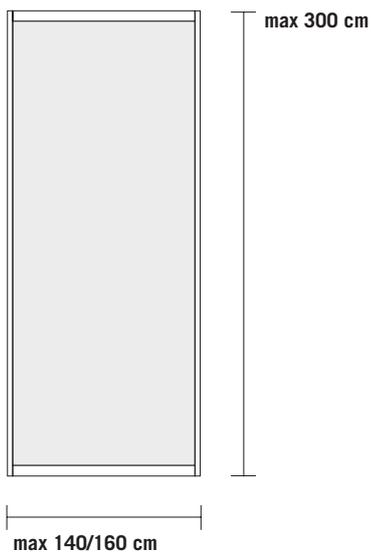
4-way Carter



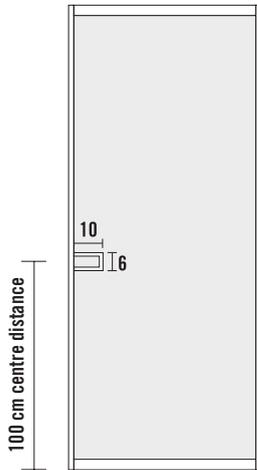
# 3\_Less Technical specifications

- 1. Trolley
- 2. Door frame profile in aluminum
- 3. Track
- 4. Glass thickness 0,5 cm,  
glass thickness 0,6 cm.  
Panel weight with 0,5 cm glass 16,5 kg/m<sup>2</sup>.  
Panel weight with 0,6 cm glass 19 kg/m<sup>2</sup>.

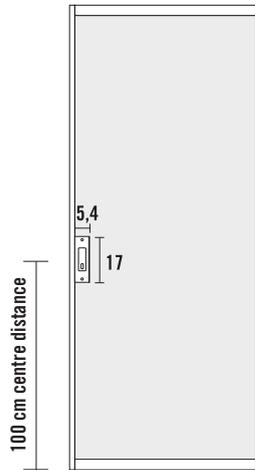
## Maximum height and width dimensions



### Handle



### Handle with plate for lock with key or latch



#### Available finishes

##### Frame profiles

AL31 Anodized Aluminium  
AL32 Polished Chrome  
AL34 Satin Steel  
LC01 Lacquer Bianco  
LC02 Lacquer Nero  
LC12 Lacquer Panna  
LC14 Lacquer Caffè  
LC15 Lacquer Lino  
LC16 Lacquer Tortora  
RAL Lacquered

##### Laminated glasses

SP01 Double sided Clear mirror  
SP21 Double sided Fumè mirror  
SP22 Double sided Bronzo mirror  
ST01 Bianco Latte

##### Etched glasses

VA01 Neutral etched  
VAEX01 Extralight etched  
VA21 Etched Fumè  
VA22 Etched Bronzo

##### Transparent glasses

CR20 Transparent  
CREX20 Trasparent Extralight  
CR21 Fumè  
CR22 Bronzo

##### Polished double-sided glasses

SR30 Bianco  
SR31 Lino  
SR32 Ardesia  
SR44 Nero  
SR50 Tortora  
SR51 Castagna  
RAL Colours

##### Reflective glasses

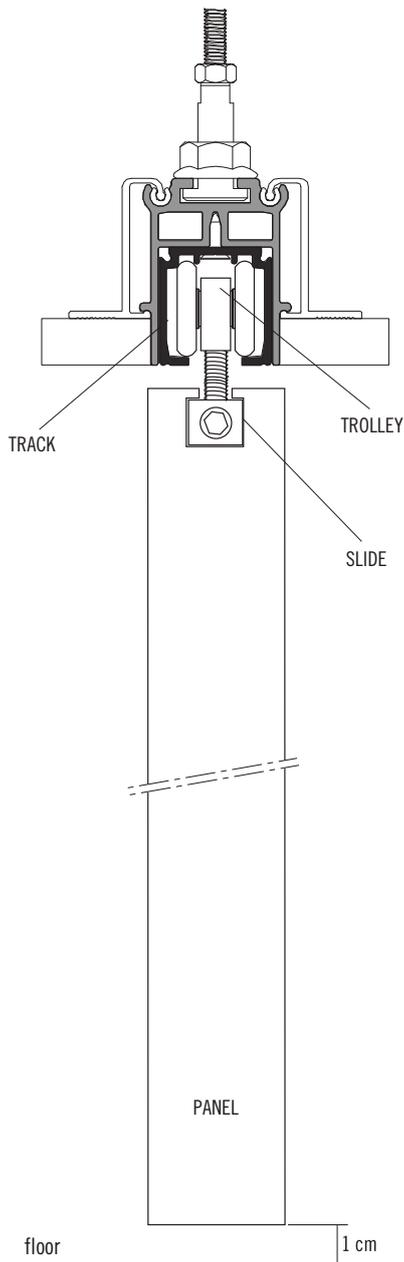
RIFM Reflective Marrone  
RIFG Reflective Grigio  
RIFB Reflective Bronzo  
RIF20 Reflective Transparent

# 3\_Less Sliding track systems

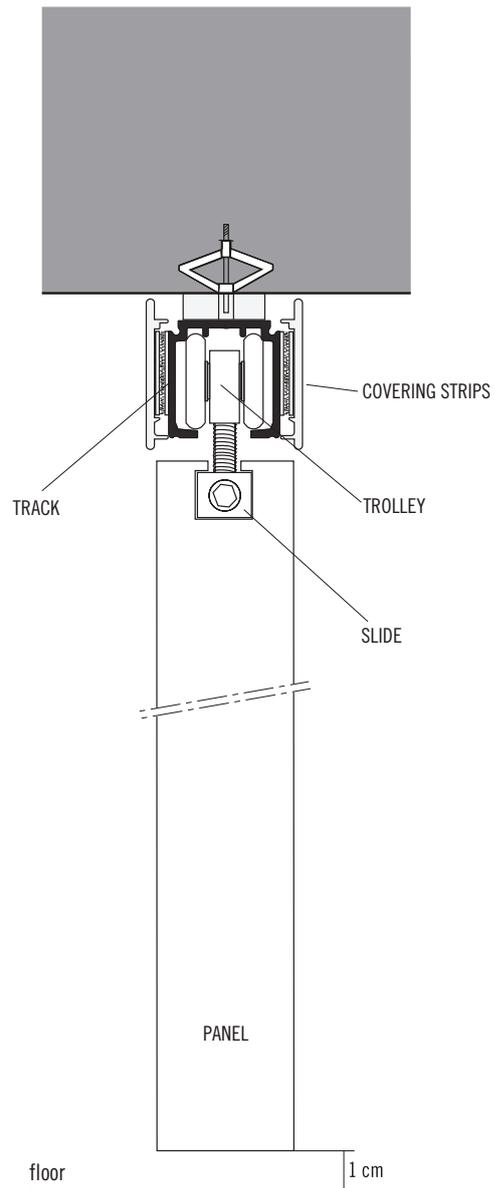
## Tracks

Tracks and strips in aluminium can have a total maximum length of 580 cm, while wood strips will have a maximum length of 300 cm and for longer lengths they will be in multiple pieces. When checking the floor-to-ceiling measurement, it is recommended to take two or three measurements also in the central part of the composition and communicate all the dimensions found. For fixing the sliding systems, it is recommended to use the most suitable system based on the structural characteristics of the ceiling and/or wall. Specify whether the beam must be closed at the ends.

System with recessed track



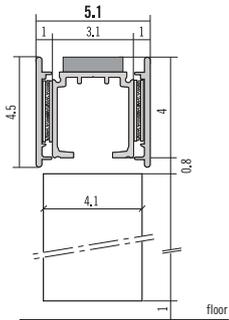
System with track and covering strips



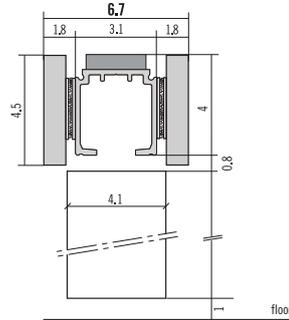
# 3\_Less Ceiling tracks

with aluminium strip

1-way tracks

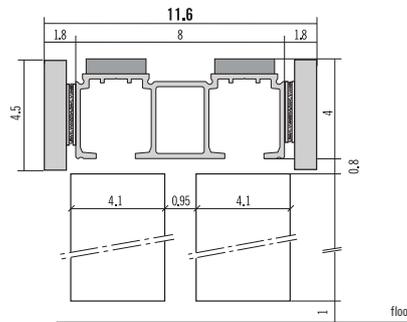
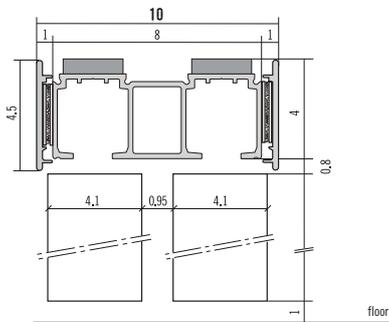


with wood strip (FA/SU)



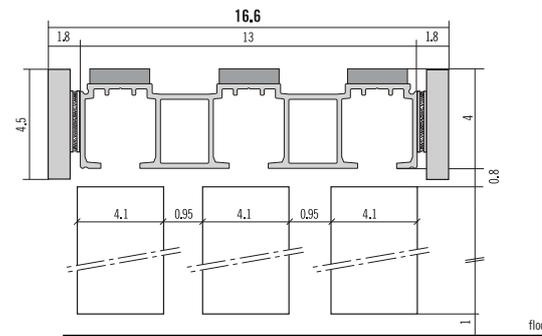
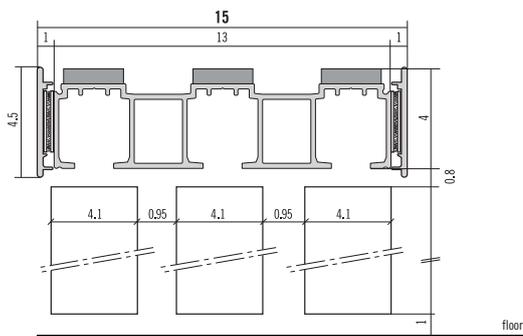
To determine panel H:  
H floor / ceiling - 5,8 cm

2-way tracks



To determine panel H:  
H floor / ceiling - 5,8 cm

3-way tracks



To determine panel H:  
H floor / ceiling - 5,8 cm

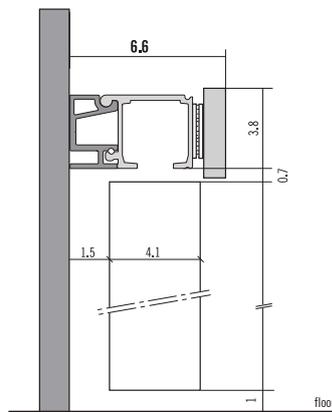
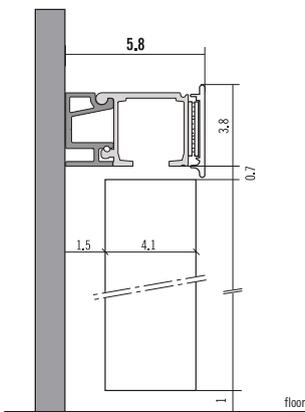
# 3\_Less Wall tracks

with aluminium strip

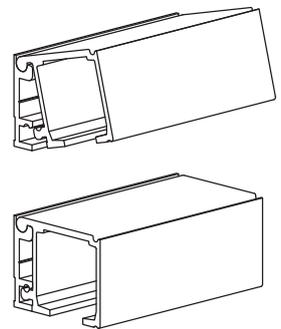
with wood strip (FA/SU)

1-way tracks

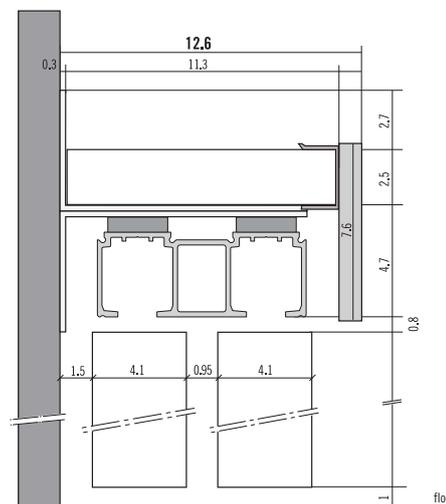
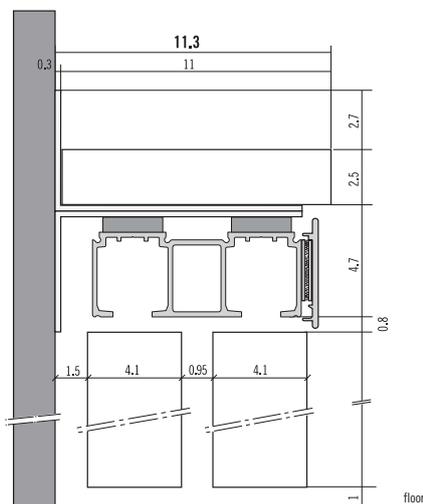
To determine the total composition H:  
H panel + 5,5 cm



Wall fixing mode



2-way tracks



To determine the total composition H:  
H panel + 11,7 cm