



Measuring instructions Gumax[®] glass sliding doors

Provide a solid foundation

Your glass sliding door should be placed on a foundation that can support at least 390kg per linear metre. These can be foundation columns or another type of foundation (such as a concrete substrate). When you choose the aluminium foundation beams from Tuinmaximaal, your foundation will always meet the requirements. You should also make sure that the foundation on which the sliding door will be placed is level.

What height glass sliding door do I need?

To determine the height of the glass sliding door, first measure the gutter height of your veranda. To do this, measure the distance between the foundation on which you are placing the sliding door to the flat underside of the gutter. Once you have measured the gutter height, you can see in table 1 what height you need for your glass sliding door.

If your veranda is installed with a slope, both the lowest and highest gutter height should fall within the values of table 1.

Measured gutter height	Required glass sliding door height
1980mm to 2020mm	2000mm
2030mm to 2070mm	2050mm
2080mm to 2120mm	2100mm
2130mm to 2170mm	2150mm
2180mm to 2220mm	2200mm
2230mm to 2270mm	2250mm
2280mm to 2320mm	2300mm
2330mm to 2370mm	2350mm
2380mm to 2420mm	2400mm
2480mm to 2520mm	2500mm
2580mm to 2620mm	2600mm
2680mm to 2720mm	2700mm

Table 1: Required height for your glass sliding door

If the measured gutter height does not fall within the values in table 1, you need to fill the space at the foundation.

Example height determination

Veranda X has a gutter height of 2095mm, measured from top of foundation to flat bottom of gutter. You then choose a rail system with a height of 2100mm.



Gutter height from top of terrace tiles to flat underside of gutter



Gutter height from top of foundation column to flat underside of gutter

What width glass sliding door do I need?

To determine the width of the glass sliding door, first measure the size of the opening in which you will place the glass sliding door. Then choose the rail system that is larger than your measured opening. To do this, find the lengths of the rail systems in table 2. You will need to tailor the rail system yourself to create overlap between the glass sliding doors.

Tuinmaximaal has 6 sizes of rail systems. If you use the full width of the rail system, there is no overlap between the glass sliding doors. We recommend an overlap of at least 10mm. This leaves room for decorative and weather strips. This will help you keep draught and insects out.

Rail systems	Length
1-rail system	1960mm
2-rail system	1960mm
3-rail system	2940mm
4-rail system	3920mm
5-rail system	4900mm
6-rail system	5880mm

Table 2: Rail system sizes for glass sliding doors

Note:

- If you have a veranda with a depth of 3m, we recommend purchasing a 3-rail system for the sliding doors including an extra support structure. This results in less overlap per glass sliding door than with a 4-rail system. Optically, this creates a better look.
- If you have a veranda with a depth of 4m, we recommend purchasing a 4-rail system for the sliding doors including an extra support structure. This results in less overlap per glass sliding door than with a 5-rail system. Optically, this creates a better look.

You can easily calculate the exact overlap per glass sliding door yourself. First determine the width you want to shorten. Then divide the width you want to shorten by the number of glass panels minus one.

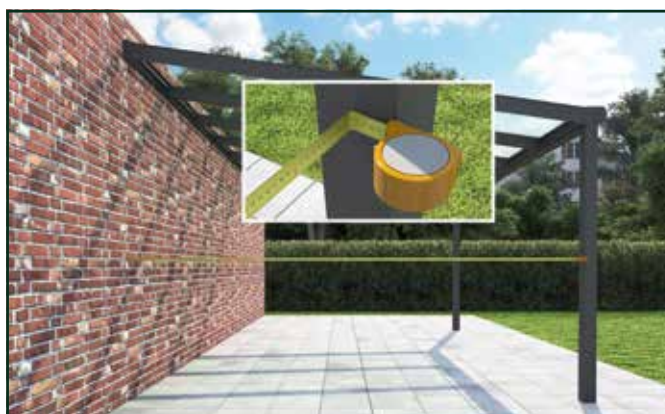
Example of width determination of glass sliding doors including overlap

You want to place a glass sliding door in a 4840mm opening. Table 2 shows that you need a 5-rail system. To customise the 4900mm 5-rail system, shorten it by 60mm.

A 5-rail system contains 5 glass panels. Subtract 1 from his number, and you have the number of points where overlap is possible. So in this case, there is possible overlap between the glass sliding doors at 4 points. The overlap per glass sliding door is $60 : 4 = 15$ mm.



Opening you want to close at the front of your veranda



Opening you want to close on the side of your veranda

If you want to close an opening larger than 5580 mm, you can choose between two options.

- Divide the opening in two with an extra support structure. This way, you can install two separate rail systems.
- Reduce the opening by closing part of the opening.

Do you have any questions?

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