



Measuring instructions Gumax[®] glass sliding doors

Width measurement

First measure the size of the opening in which you will place the glass sliding door. This width is measured from support structure to support structure (front) or from wall to support structure (side). Then choose the rail system that is larger than your measured opening. The rail system is easy to shorten to size yourself. Read the length of the rail systems in table 1.

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 1: 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.

Example of width determination of glass sliding doors including overlap

You want to place a glass sliding door in a 4840mm opening. Table 1 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.

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.



Opening you want to close at the front of your veranda



Opening you want to close on the side of your veranda

Height measurement

To determine the height of the glass sliding door, first measure the passage height of your veranda. The height from the top of the foundation/paving to the flat underside of the gutter/beam is called the passage height. The passage height is measured from the top of the foundation/paving to the flat underside of the gutter/beam. Even if you want to mount a glass sliding door on the side of your veranda, you can measure the passage height at the front of the veranda, as this height is equal to the height to the bottom of your glass wedge if your foundation is level at all points. A glass wedge on the side ensures that the passage height becomes the same everywhere.

Always measure the passage height at 3 different points to ensure the correct height measurement. If you measure small differences in the passage height, then always use the smallest height measurement. Your passage height is now known. Table 2 shows which height you need.

If your veranda is installed with a slope, both the lowest and highest passage height should fall within the values of table 2. If the measured passage height does not fall within the values in table 2, you need to fill the space at the foundation.

Passage height	System 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 2: Required height for your glass sliding door

Measured passage height

The measured passage height determines the choice of the right height. Within the system, you do not have to take any size into account. As standard, the glass height you receive is 100mm shorter than the system height you order. In short, if you measure a passage height of 2192mm, you order the passage height size between 2180mm and 2220mm through our webshop. Is your passage height not in the table? Then contact our customer service team for personal advice.

Example of height measurement

Veranda X has a passage height of 2095mm, measured from the top of the foundation/paving to the flat underside of the gutter/beam. You then choose a rail system with a height of 2080mm and 2120mm.



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



Passage height from top of foundation to flat underside of gutter

Consult the checklist and be sure you are prepared for everything.

- o Provide a solid foundation. The glass sliding door should be placed on a foundation that can support at least 390kg per linear metre. This can be a foundation column or another type of foundation (such as a spot foundation).
- o If your current or future paving is level across its entire depth, there is no difference between the dimensions at the wall or at the front. If a gradient exists within the current or future paving, the amount of gradient in mm should be taken into account when determining the required height. Both the lowest and highest passage height should fall within the same range of table 2.
- o The measured passage height determines the size you need. Table 2 looks at what range this passage height falls within. If you have a passage height of, say, 2108mm, choose the system with passage height 2080mm to 2120mm.
- o Within the system, you do not have to take any size into account. As standard, the glass height you receive is 100mm shorter than the system height you order.
- o Is your desired passage height not in the table? Then contact our customer service team for personal advice

Do you have any questions?

Contact us by phone or through WhatsApp

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