

Measuring aid for front doors

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Do you require assistance?

Our experts will help you to determine the correct dimensions.

 By phone at **+49 711 860 60 180** (Mon. - Fri. 8 a.m. - 6 p.m.)

 E-mail to info@neuffer.de

Subject to technical changes and errors

As of 03/2023

Preparation and material required

You will require

- Pocket rule or tape measure
- Paper and pen

Sketch the front door

- Sketch the front door on a sheet of paper
- Draw the position of the door handle
- The view is from the inside looking out

Measuring the front door correctly

Measure width



1. Measure the width of the front door in the upper third and note the value.
2. Measure the width of the front door in the lower third and note the value.
3. Subtract 20 mm (right and left 10mm each) from the lower value previously noted.
4. The result is the height to be ordered.

Measure height



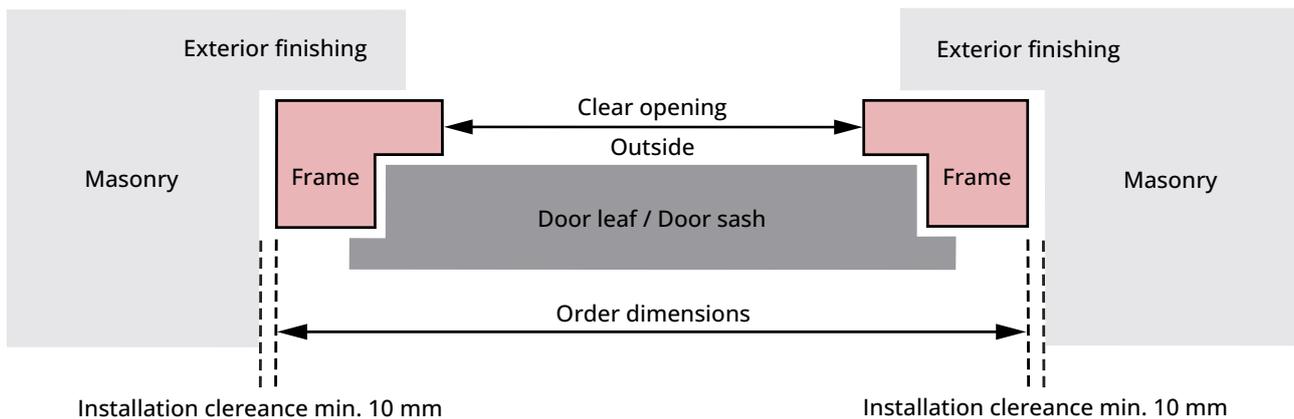
1. In the left third, measure the height of the front door from the top edge of the door to the top edge of the finished floor and note the value.
2. In the right third, measure the height of the front door from the top edge of the door to the top edge of the finished floor and note the value.
3. Subtract 20 mm (for the seal) from the lower value previously noted.
4. The result is the height to be ordered.

Note on the dimensions

All dimensions include all add-on parts, e.g. frame extensions, floor recess profile, side parts or skylight.

Determining the dimensions with stop

What is a stop? With a stop, the masonry at the front door recess is wider on the inside than on the outside. This means that the front door frame is partially covered by the masonry on the outside. To ensure that the profile does not disappear completely into the masonry, can be sealed cleanly and that the front door does not touch the stop when opening and closing, the dimensions of the front door must be adjusted accordingly.



How to measure correctly

1. Measure the inner embrasure. Note the result in mm.
2. Measure the outer embrasure. Note the result in mm.
3. Take the difference between the inside width or height and the outside width or height, and divide the value by 2.

If the determined value is greater than 50 mm, we recommend ordering an front door with frame extensions. Frame extensions can be added in the configuration at step 2.

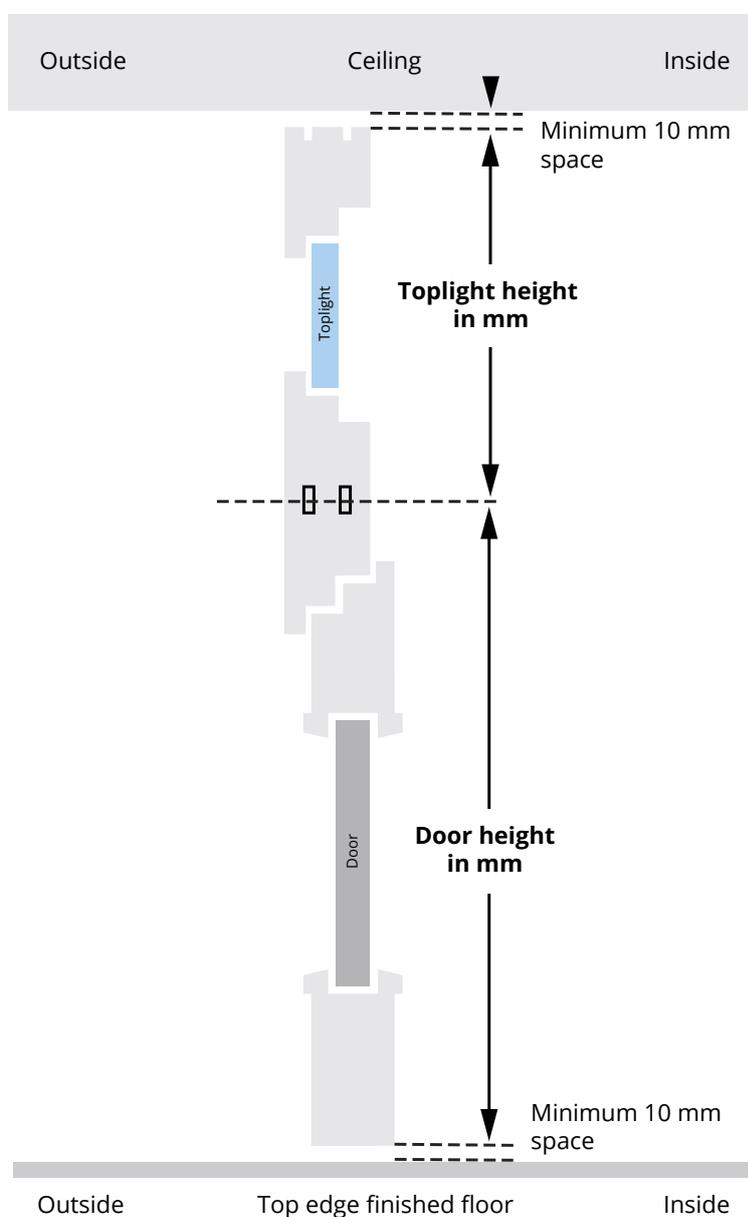
Do you require assistance?

We will be happy to advise you on the correct measurement of your front door. Just give us a call on +49 711 860 60 180.

Determining the dimensions with skylight

A skylight ensures that more daylight enters the hallway. It is also the ideal solution if the wall opening is very large but you do not want to install such a high front door.

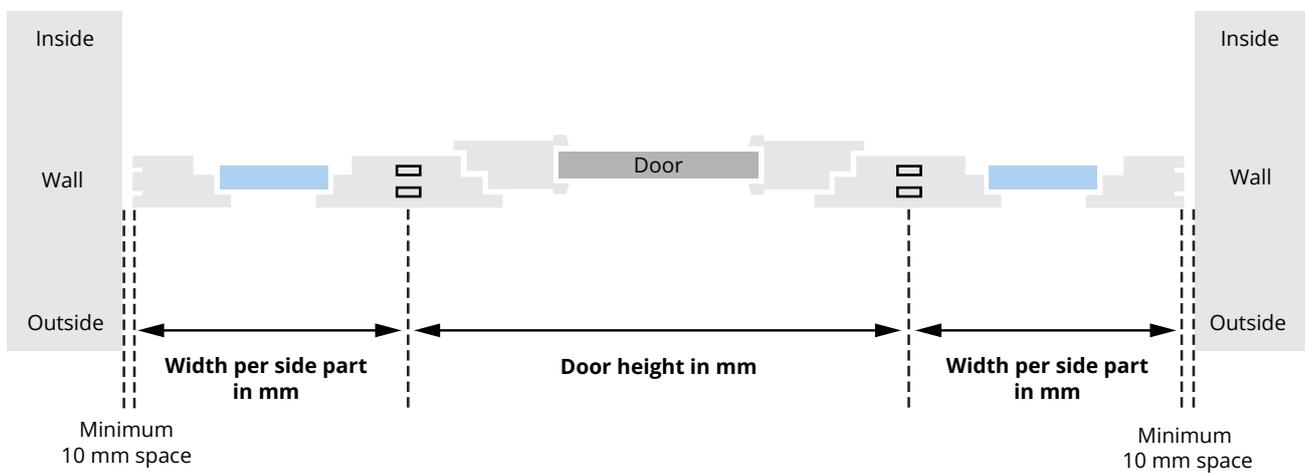
First measure the overall dimension of the wall opening for the front door as described above. The width of the skylight results from the width of the front door (incl. side panels, if selected). You can specify individually in the configurator how many mm of the total height should be used for the skylight. Measurements are taken from the top edge of the frame to the middle of the cross beam.



Determining the dimensions with side panels

If the existing wall opening for the front door is very large, you can also add one or two side sections to the front door. This also has the advantage that natural daylight enters the hallway through the glass insert.

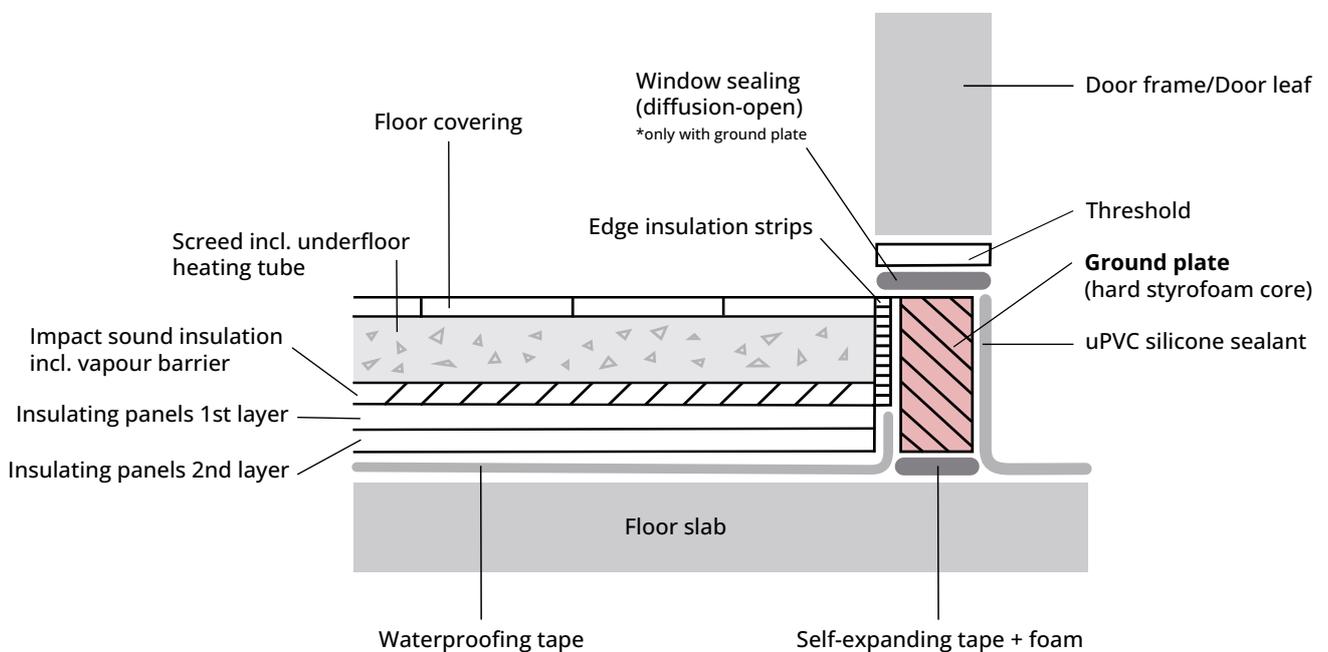
First measure the overall dimension of the wall opening for the front door as described above. The height of each side panel is determined by the height of the front door. You can enter individually in the configurator how many mm of the total width should be used for the respective side panels. Measurements are taken from the masonry to the centre of the respective jamb of the door.



The floor recess profile

The floor recess profile prevents the formation of cold bridges on aluminium entrance doors by ensuring that the interior & exterior floor are thermally separated. It is used below the threshold of the front door.

For the height, you can choose from a list of 50 mm to 200 mm. The height of the floor recess profile should correspond to the height of the entire floor structure minus 10 mm.



Determining the dimensions with frame extensions

Frame extensions is always needed when a difference between two dimensions, e.g. external and internal dimension, has to be bridged.

Given that the required dimensions for frame extensions depend to a significant extent on the respective application, it is difficult to document the exact calculation. We will be happy to assist you in determining the correct extensions.

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