

How to ...

Determine infill dimensions for b62 door range.



General guides



PANELS:

◆ For straight frames:

We recommend 3 mm thick panels such as Pal board, aluminium sandwich panels, forex, ...

◆ For curved frames:

Bear in mind that the chosen material must be suitable for bending in the desired radius. This is possible, for example, by choosing a thinner material.

TEXTILES:

- ◆ To achieve a premium finish of your frames, we recommend using **black-back textiles**. The black backing prevents light from passing through the fabric and minimizes the visibility of the frame structure behind it.



TIP!

***MAKING PRINT FILES FOR
TEXTILE SHOULD ALWAYS
BE DONE IN
COLLABORATION WITH THE
PRINTER.***

IMPORTANT NOTE:

The dimensions shown in this document refer to the visible bematrix frame dimensions.

Final textile dimensions are not specified by bematrix and should always be determined by the textile printing partner. Required allowances may vary depending on:

- ◆ Fabric type and stretch characteristics
- ◆ Silicone edge (SEG) specifications
- ◆ Printing and sewing methods
- ◆ Production tolerances
- ◆ Graphic size and application

For the best result, we strongly recommend sharing the frame dimensions with your printing partner and allowing them to define the final textile dimensions according to their production standards.

bematrix cannot guarantee the fit of textiles produced using dimensions that have not been validated by the printing partner.

General guides for textiles



To ensure a perfect match of the infill with the bematrix frame, giving as much information as possible to the textile supplier is key. We advise you to send the following information with your request.

- ◆ First and foremost, specify that the textile will be used on the beMatrix frame system.
- ◆ Specify the exact dimensions of the frame: 992 x 2480 mm instead of 1 m x 2.5 m.
- ◆ Indicate the use of profiles in the stand.
- ◆ The type of application to determine the type of textile, e.g. blackout fabric, lightbox, LEDskin[®], etc.
- ◆ Add the technical drawing of the stand, which can be:
 - ◆ The technical drawing supplied by bematrix with your order
 - ◆ Your own technical drawing
 - ◆ If you do not have a technical drawing, we can make one upon request (€60/hour)
- ◆ 3D files of the stand (if available)
- ◆ An image of how and where the visual will be integrated in the stand, e.g. visual on a door, on a corner etc.

Important information for the printer.



To ensure your prints will match your expectations, you need to make sure you supply the basic inputs correctly. Any deviation from these specifications will result in additional adjustments, at extra costs and might cause a deadline overrun. When in doubt, please do not hesitate to contact your printing company.

1. File types

- Illustrator .EPS, .AI or Acrobat PDF
- Full color bitmaps, preferably in .TIFF
- Also possible: JPG, Photoshop EPS

Adobe Indesign files will only be accepted when accompanied by all fonts and bitmaps. QuarkXPress documents or PowerPoint, Publisher, Word and Excel files are not accepted.

2. Resolution and lay-out

- Digital: to scale 1/10 with min. 600 dpi – max. 1500 dpi
- Vector graphics, full color bitmap or a combination of both (PDF)
- No crop marks, bleed marks, registration marks, etc.
- Convert text to outlines (or supply the fonts)
- Provide a minimum bleed of 15 mm at all sides

3. Colours

- Digital: RGB and CMYK are possible •
- Colours will be reproduced differently according to the respective material; printing on panels has its limitations.

In order to guarantee the printed colours will match the colours you envisaged, a colour binding sample (proof print) is advised. For plain colours, you can specify corresponding PANTONE Coated colour. In case no colour specification or sample is supplied, the colours will be printed using the colour data present. You can always reach out to your print partner and request a sample on a material of your choice.

Always check with your printer before preparing your files, as requirements may vary from printer to printer.

Check out our audited bePartner database.



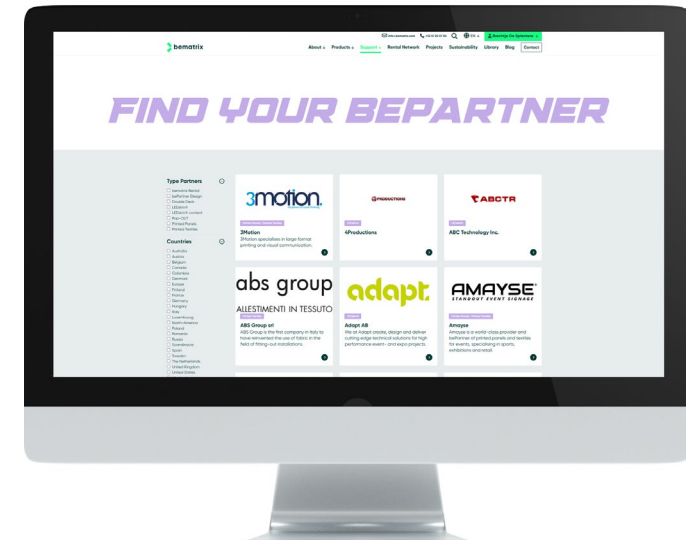
We have selected partners for panel or textile printing that can offer premium print quality and are very familiar with the bematrix products. These bePartners are yearly audited and are ready to help you to achieve a perfect result.

bePartner PRINTED PANELS

- ◆ Find your bePartner for printing panels [on our website](#)

bePartner PRINTED TEXTILES

- ◆ Find your bePartner for printing textiles [on our website](#)



How to apply hook & loop on panels

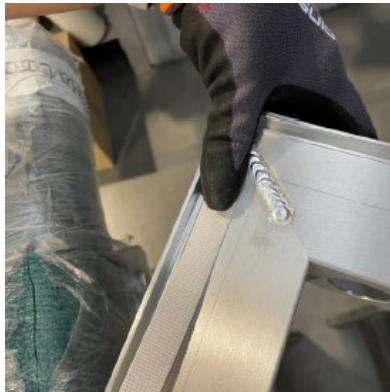


Please be advised to apply the loop tape on the panel +/- 8 mm from the edge.

- ◆ Tip: hook & loop tape can be purchased at beMatrix, per roll of 25m or per box (45 rolls). Ask your internal sales contact for more information.



- ◆ **Step 1**
Clean and degrease the frame.



- ◆ **Step 2**
Put the velcro (hook) firmly on the frame.



- ◆ **Step 3**
Clean and degrease the panel.



- ◆ **Step 4**
Put the velcro (loop) firmly on the panel.

Wait 24h for maximum strength. Now you can place the panels in your frame.

[More detailed info here](#)

Content



The following pages explain how you can calculate the correct dimensions of the textile infills for your bematrix frame. As a general rule, always start from the frame size.



◆ B62 pivot door



◆ B62 glass door



◆ B62 double door



◆ B62 Curved door



◆ B62 Slidings door



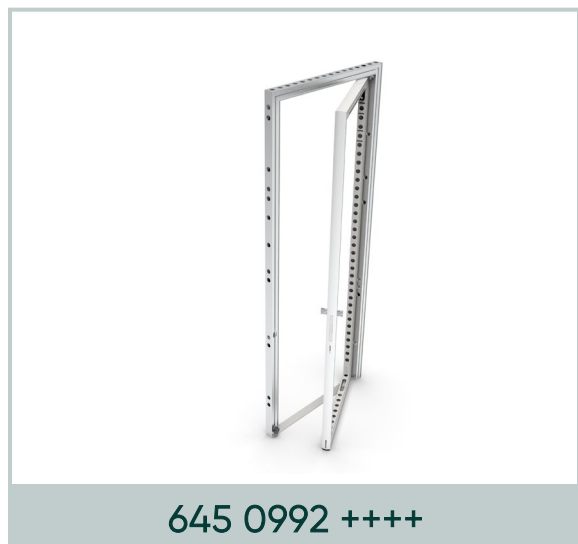
◆ B62 locking storage doors

The dimensions in this document apply to all frames we produced since 2019.

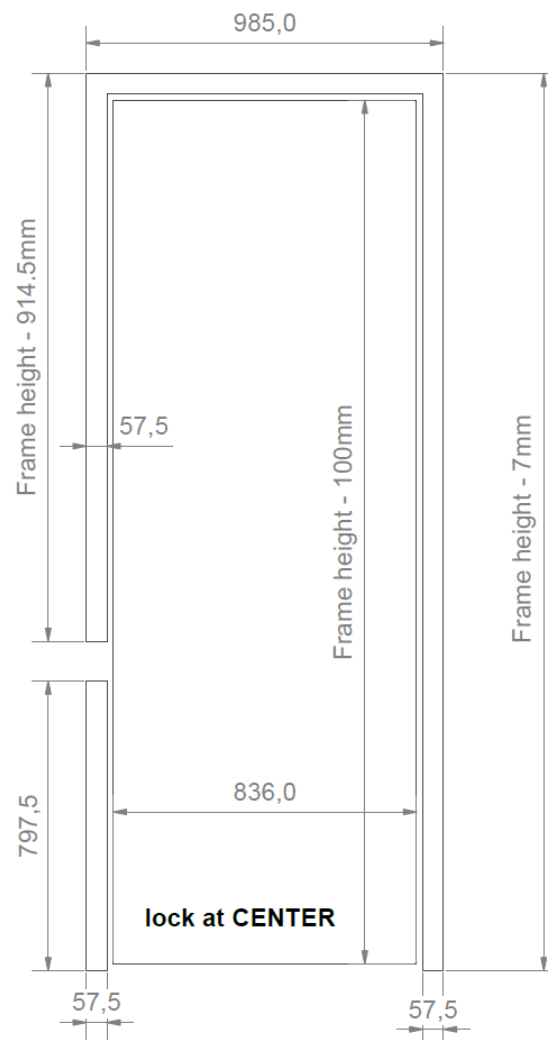
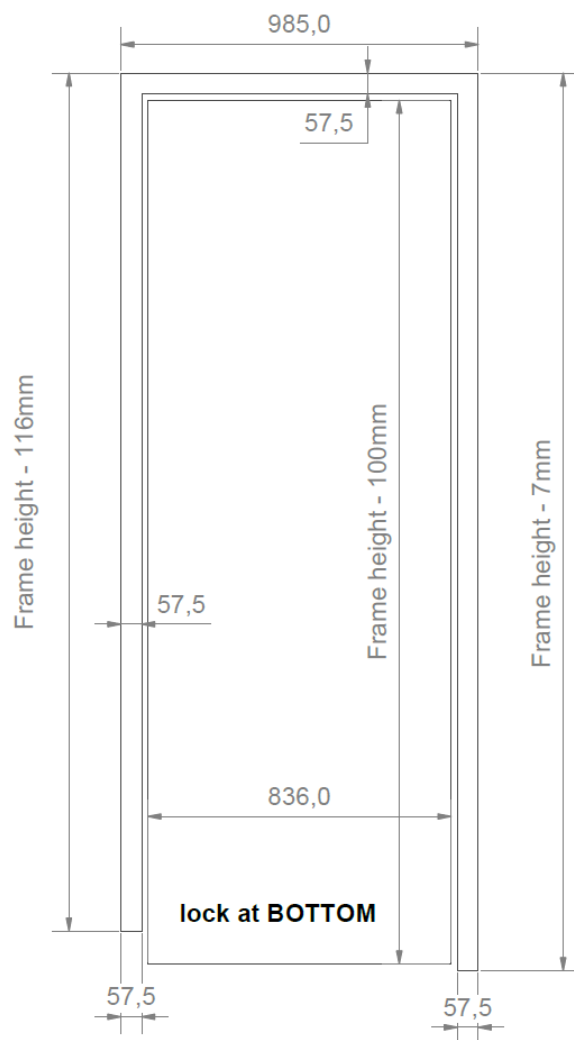
Determine infill dimensions for

B62 pivot door finished with panels.

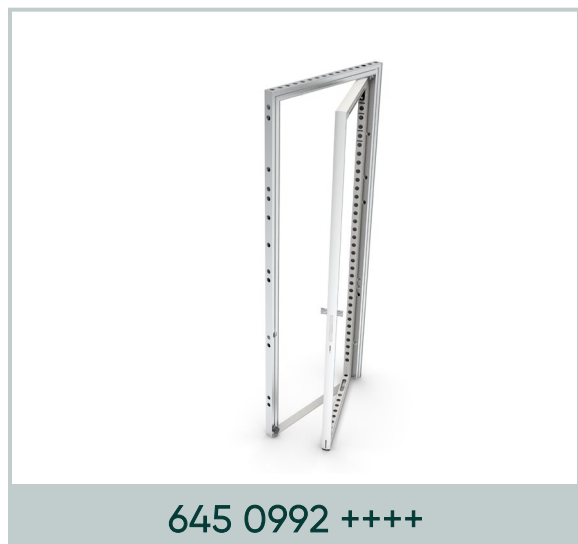
B62 pivot door



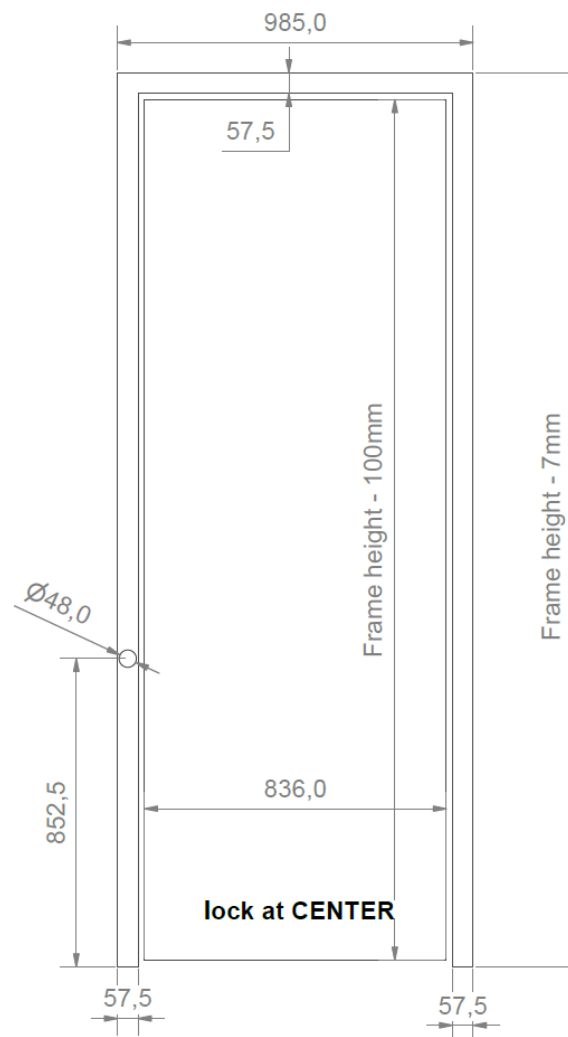
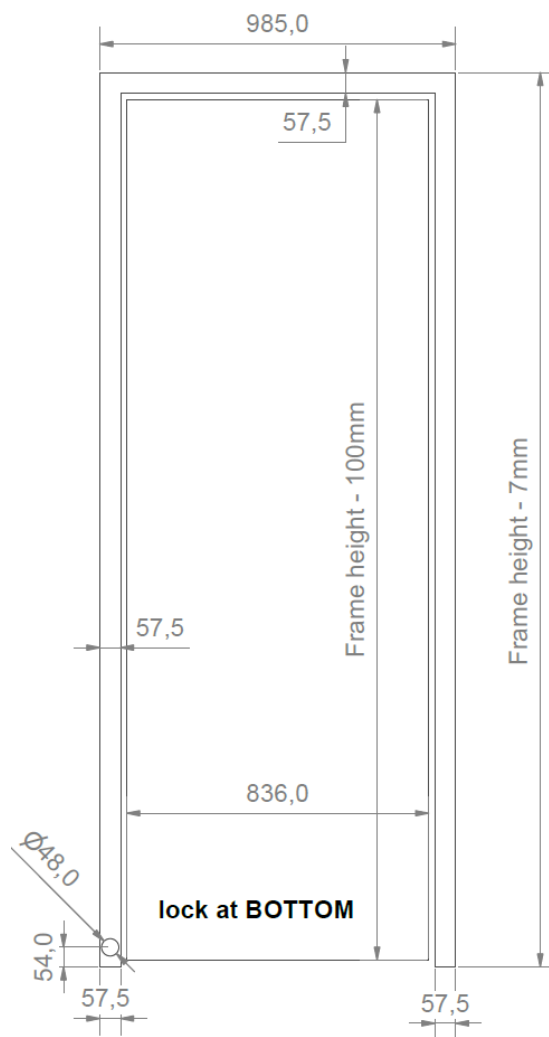
Combi lock finished
with cover plate.



B62 pivot door



Combi lock finished
without cover plate.

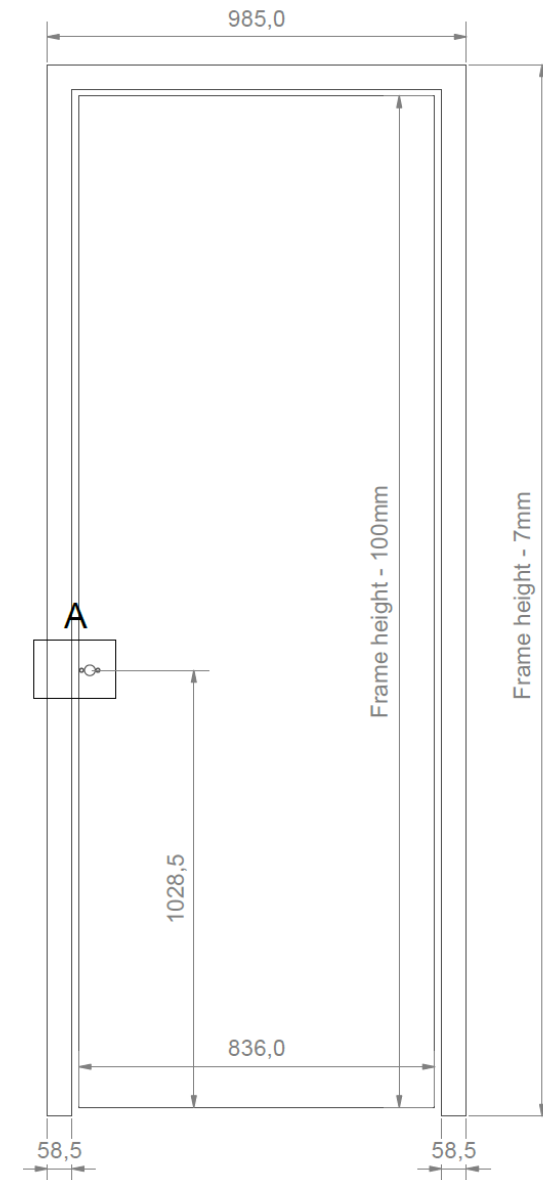
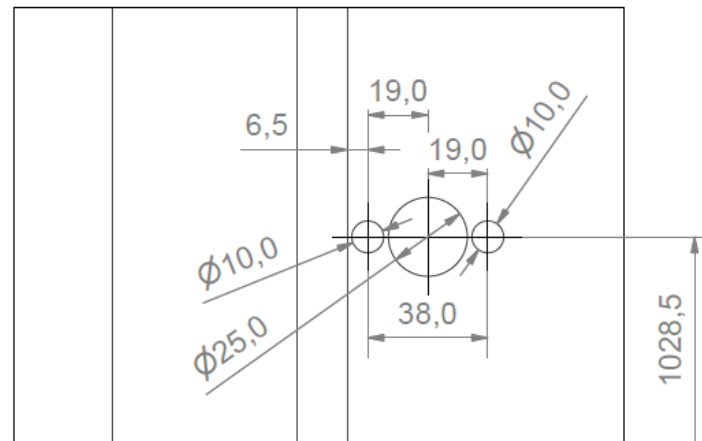


B62 pivot door



Finished with code handle.

A (0,5 : 1)

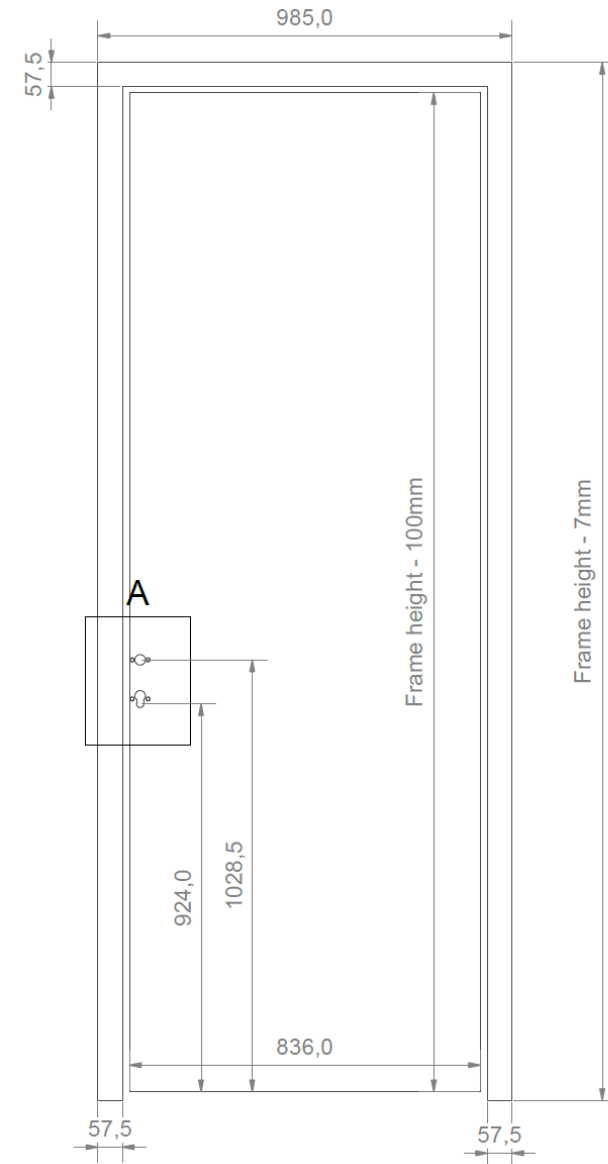
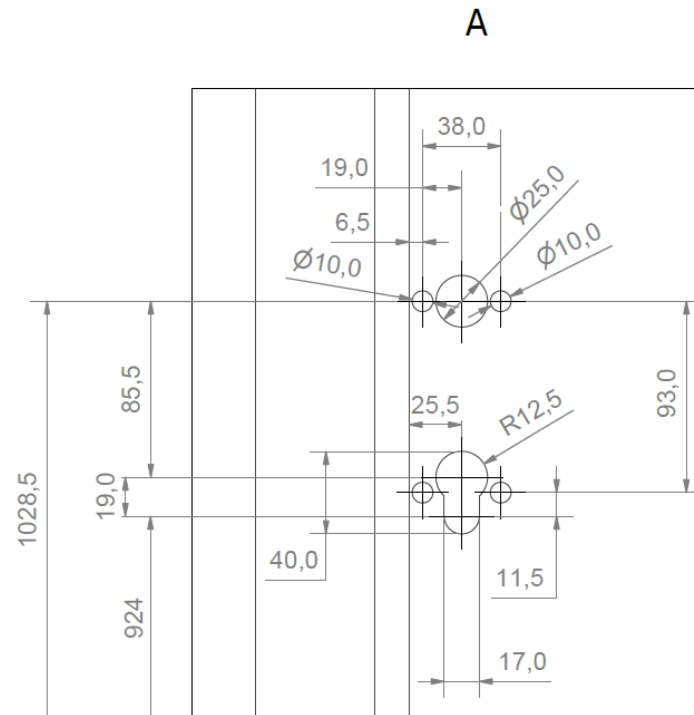


B62 pivot door



645 0992 ++++

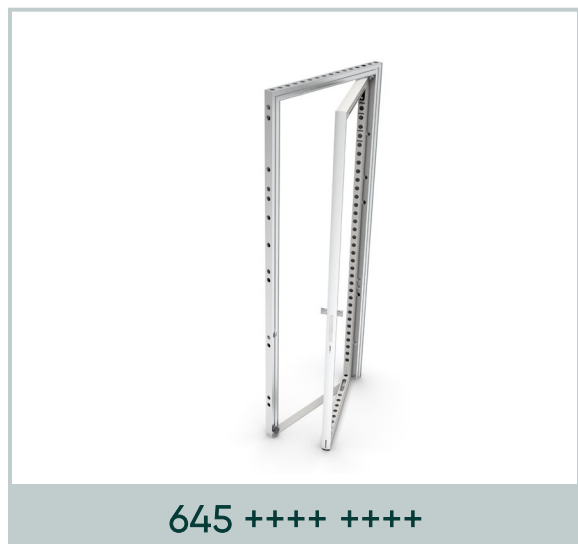
Finished with handle
and cylinder lock.



Determine infill dimensions for

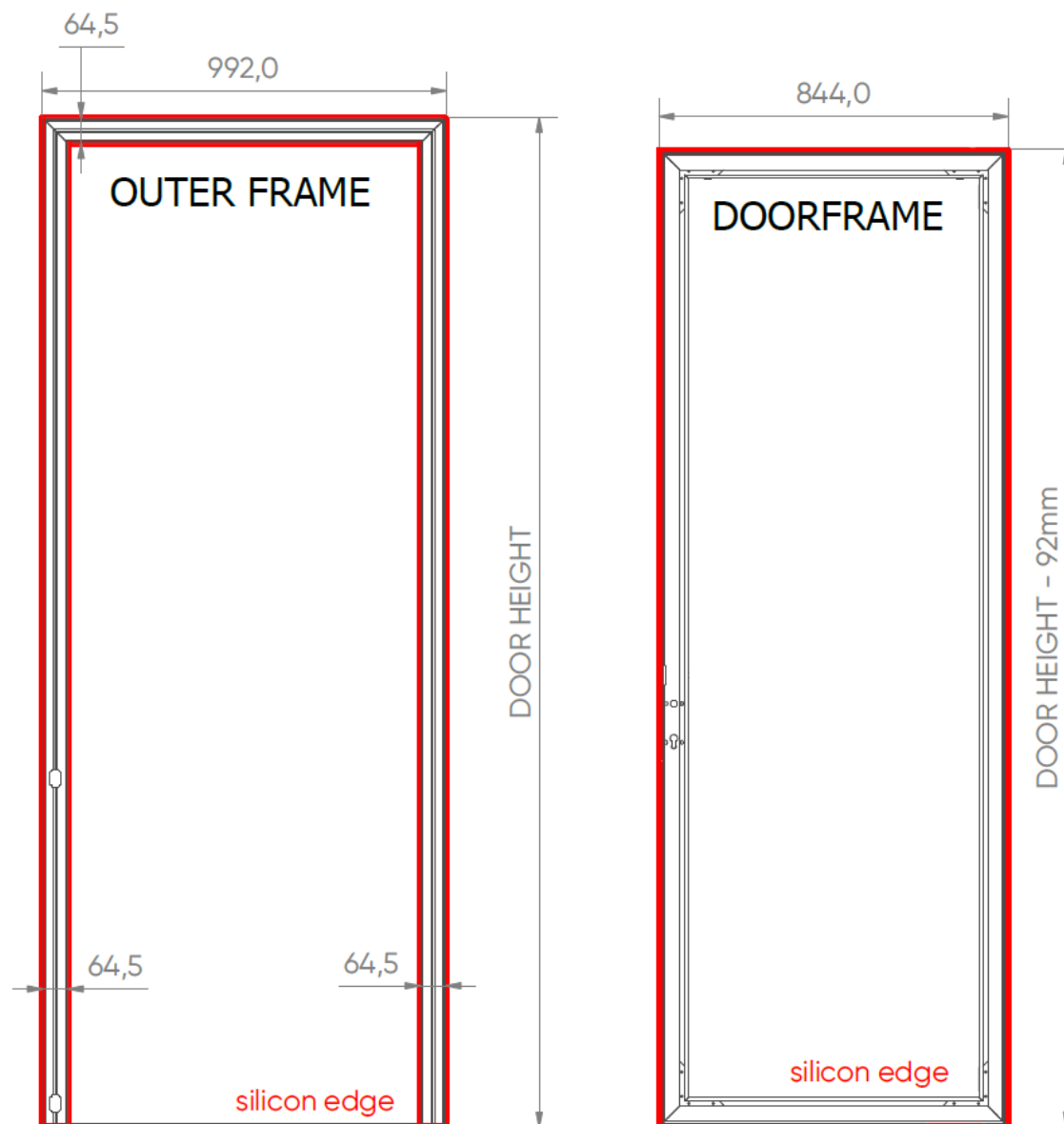
**B62 pivot door
finished with
textile.**

B62 pivot door



We recommend to always use the digi combi lock and cover plate for a neat finish when choosing to finish the door with textile.

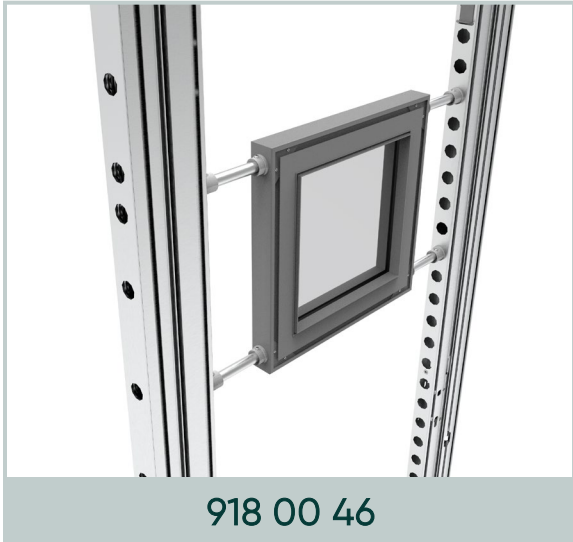
The dimensions for textile stay the same no matter where you install the combi lock or cover plate.



Determine infill dimensions for

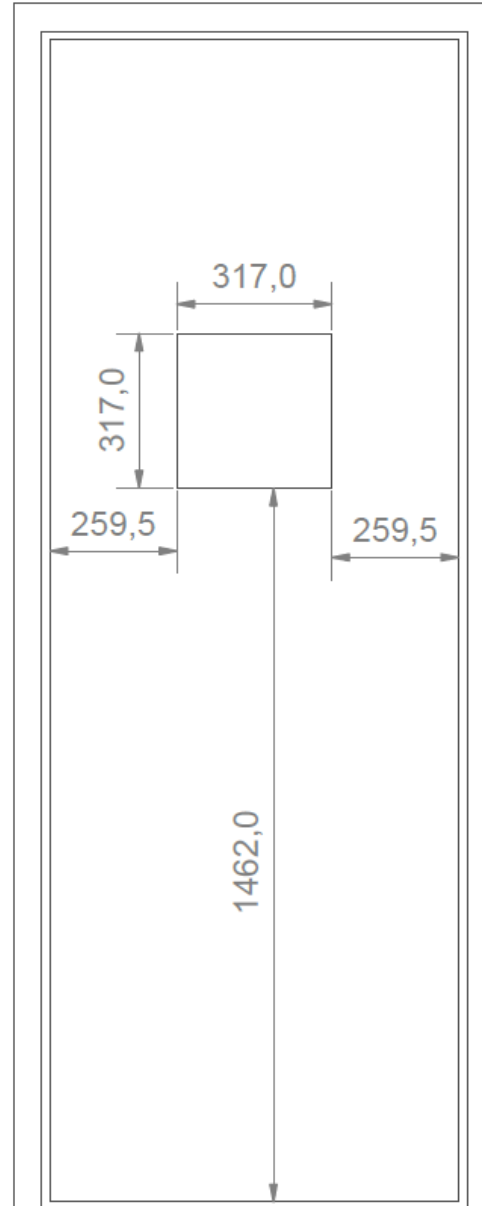
**B62 pivot door
finished with
panels +
porthole.**

B62 pivot door



For the panel dimensions for the door contour see pages 9 or 10.

If you want to use a door handle with code lock or cylinder lock, see pages 11 or 12 for more details.

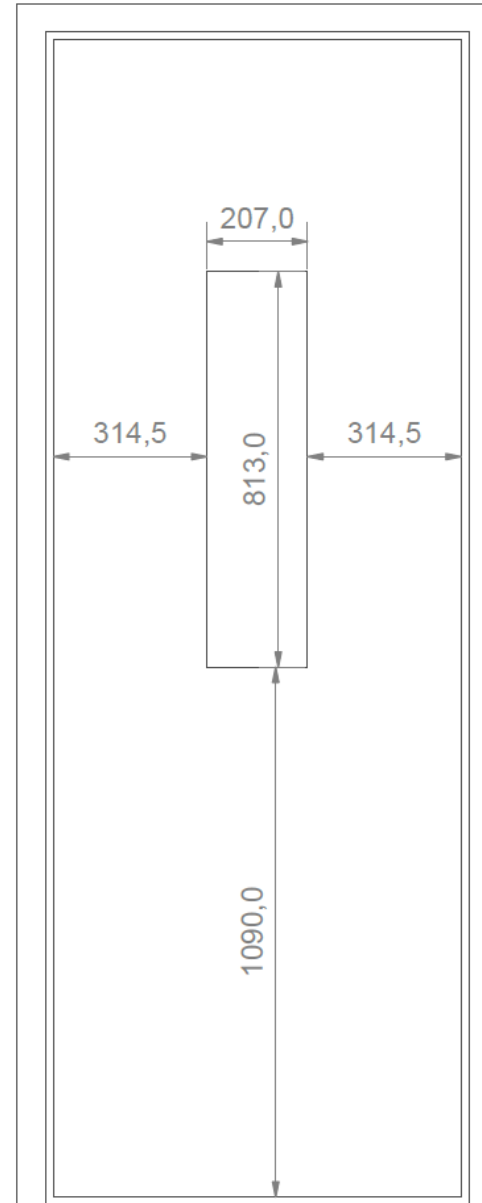


B62 pivot door



For the panel dimensions for the door contour see pages 9 or 10.

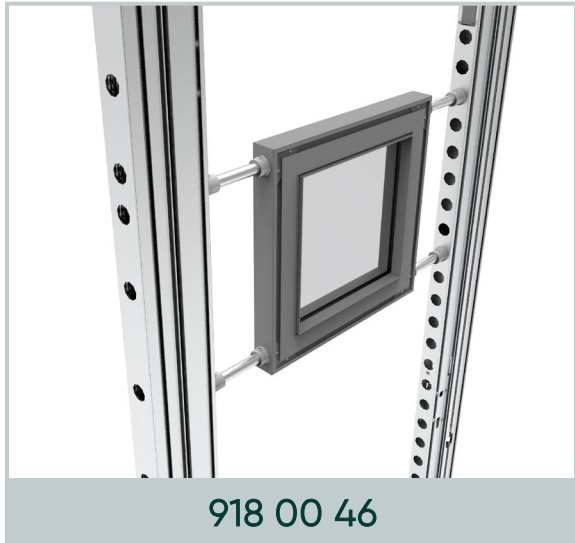
If you want to use a door handle with code lock or cylinder lock, see pages 11 or 12 for more details.



Determine infill dimensions for

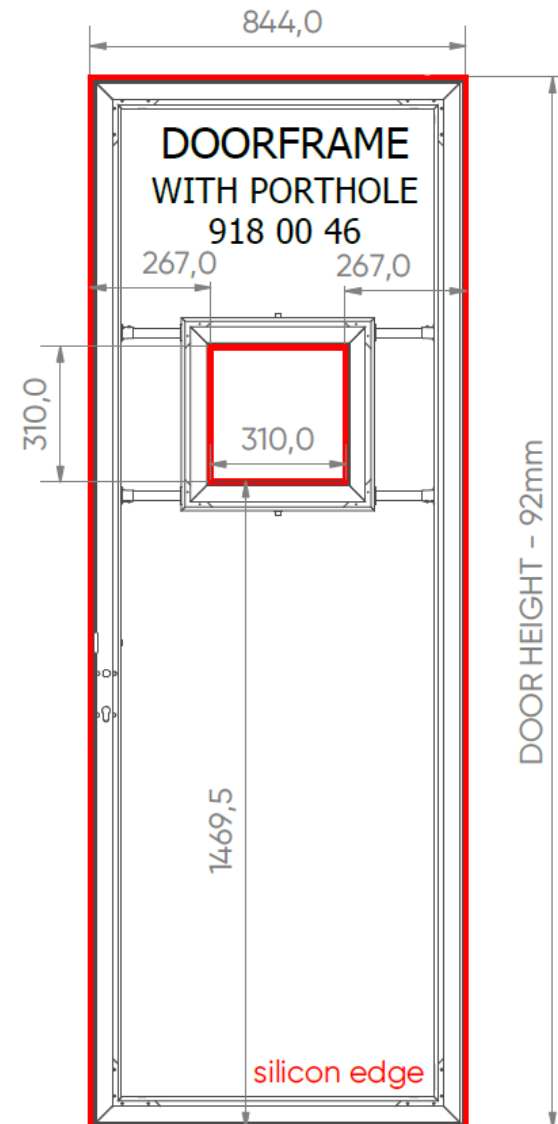
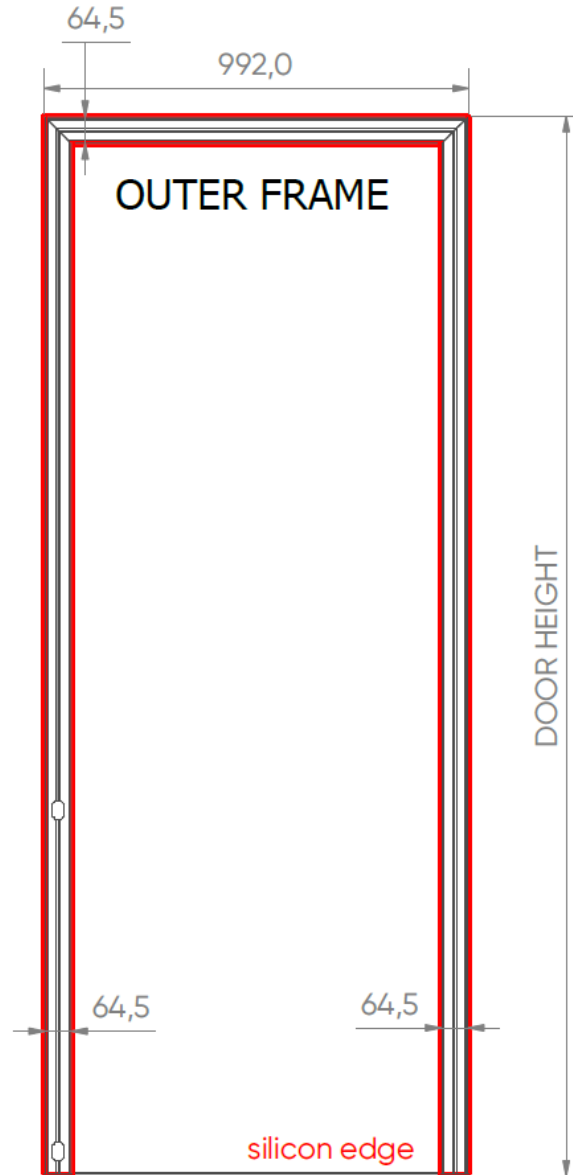
**B62 pivot door
finished with
textiles +
porthole.**

B62 pivot door



We recommend to always use the digi combi lock and cover plate for a neat finish when choosing to finish the door with textile.

The dimensions for textile stay the same no matter where you install the combi lock or cover plate.

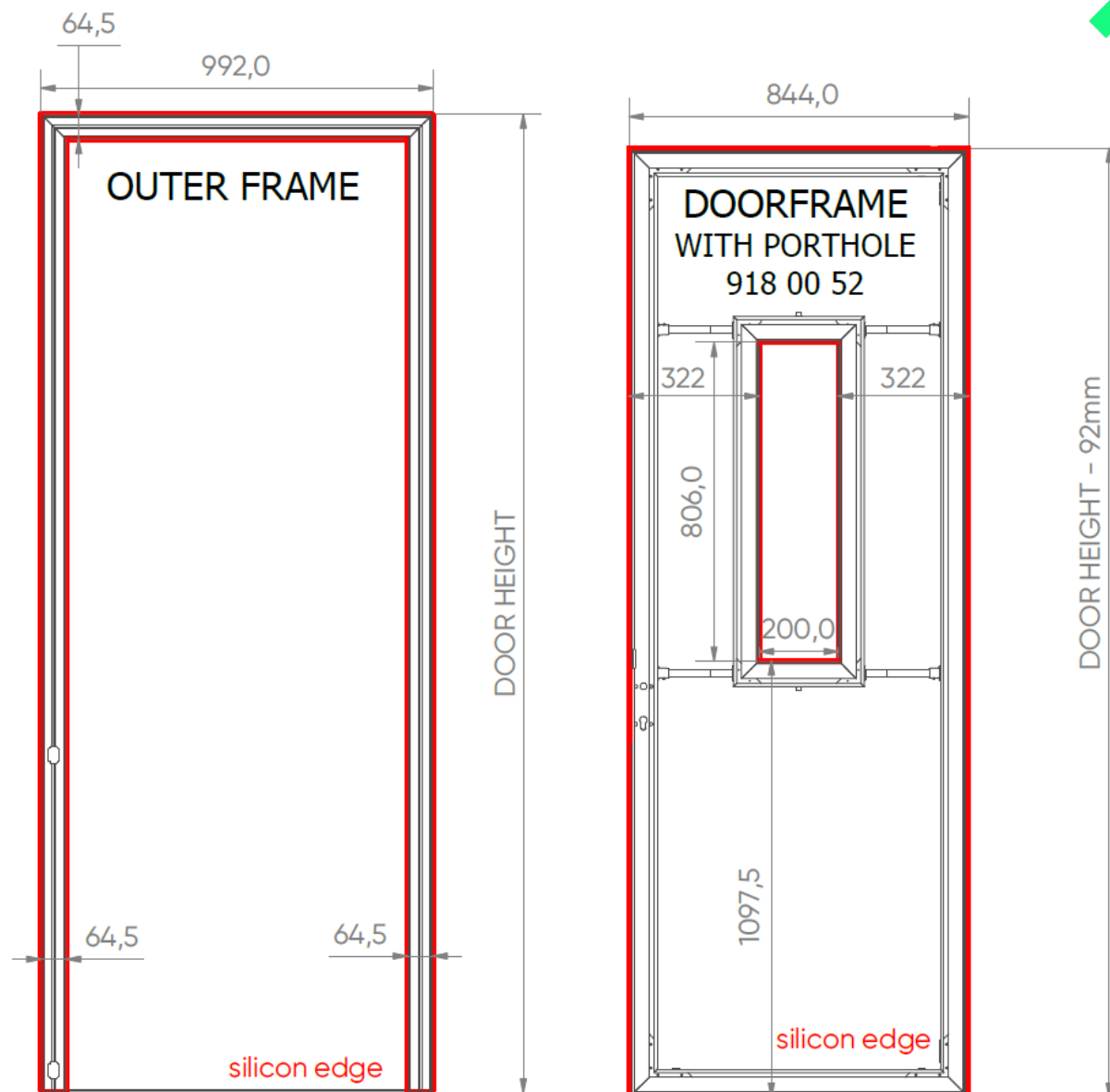


B62 pivot door



We recommend to always use the digi combi lock and cover plate for a neat finish when choosing to finish the door with textile.

The dimensions for textile stay the same no matter where you install the combi lock or cover plate.



Determine infill dimensions for

B62 glass door

Glass door

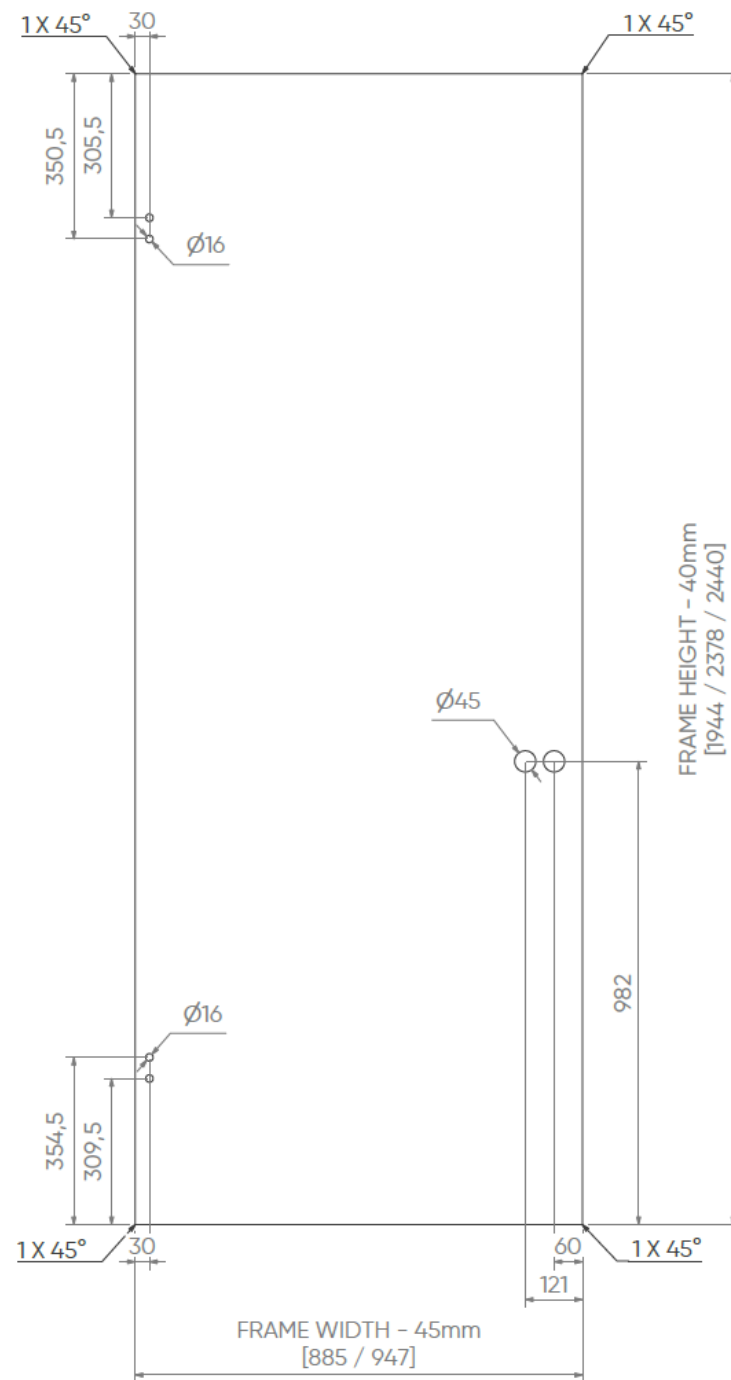


Glass:

- ◆ Tempered glass
- ◆ Thickness 8 mm
- ◆ Polished & chamfered edges
- ◆ Optional: without CE-marking

Other:

- ◆ Strong solid material
- ◆ Thickness 8-10 mm
- ◆ Weight max 50 kg



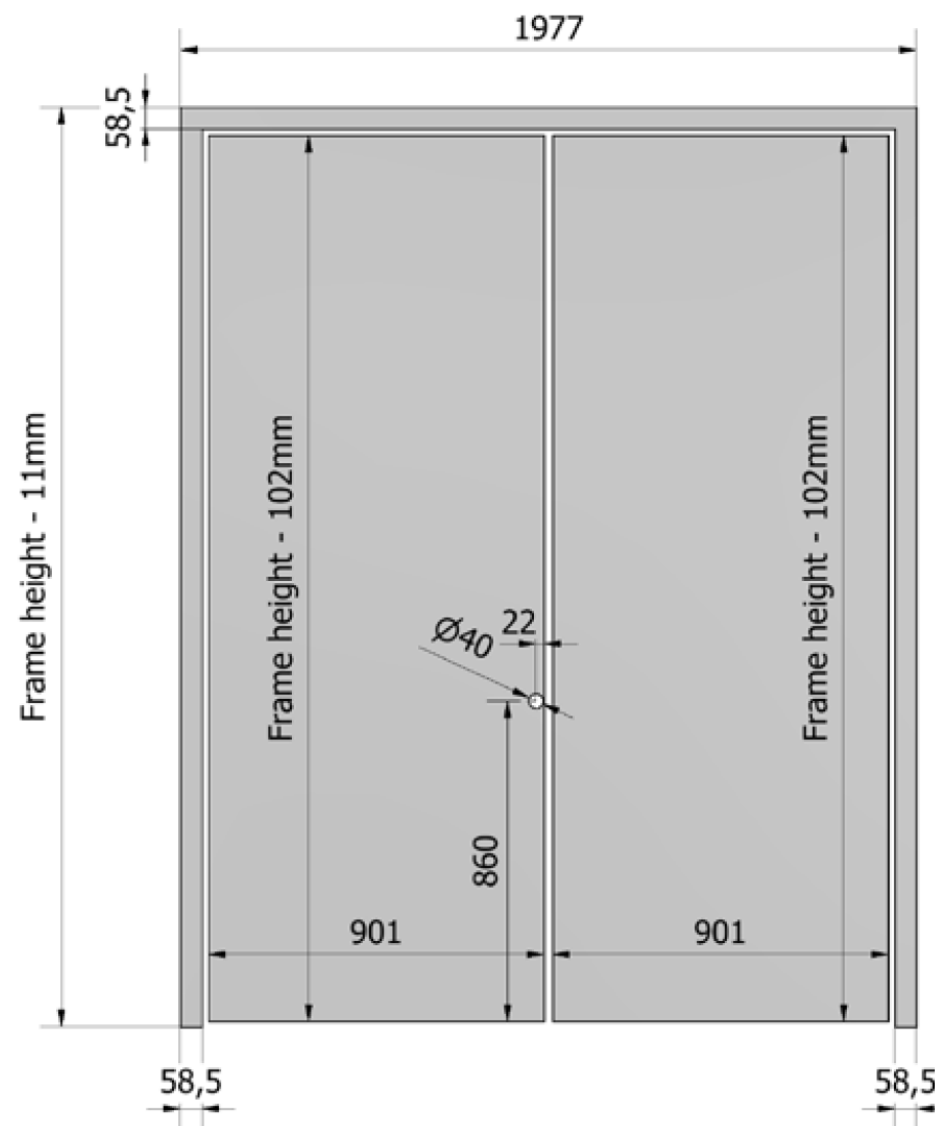
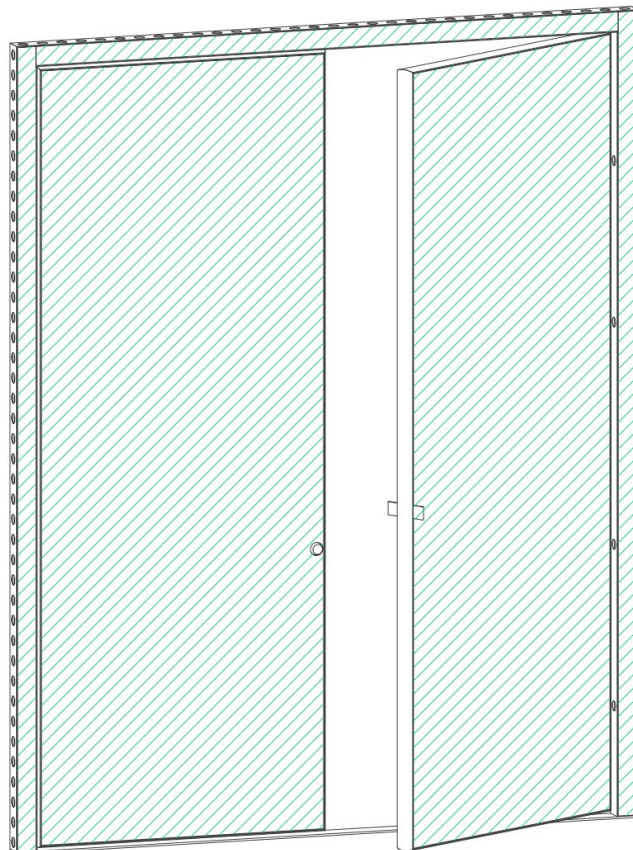
Determine infill dimensions for

**B62 double
door finished
with panels.**

B62 double pivot door



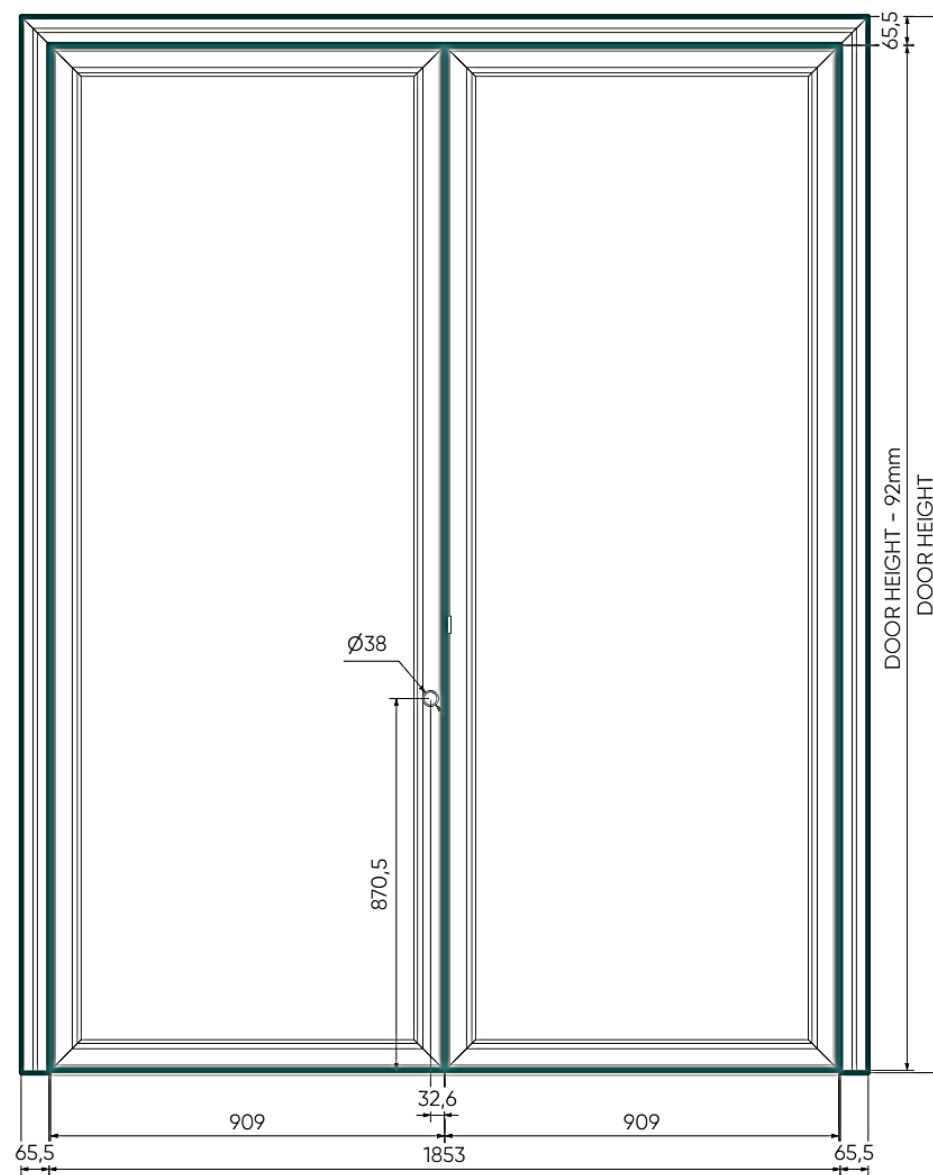
The double pivot door can be fitted with panels on both sides (using hook-and-loop tape).



Determine infill dimensions for

**B62 double
door finished
with textile.**

B62 double pivot door



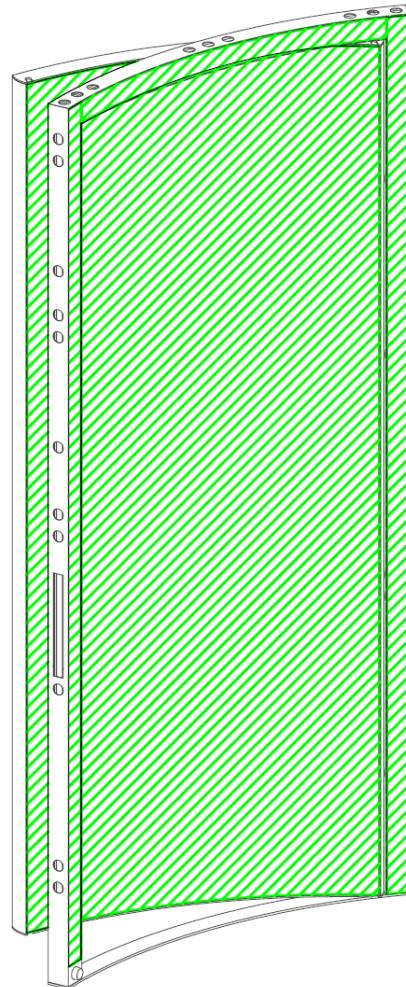
Determine infill dimensions for

**B62 curved
doors finished
with panels.**

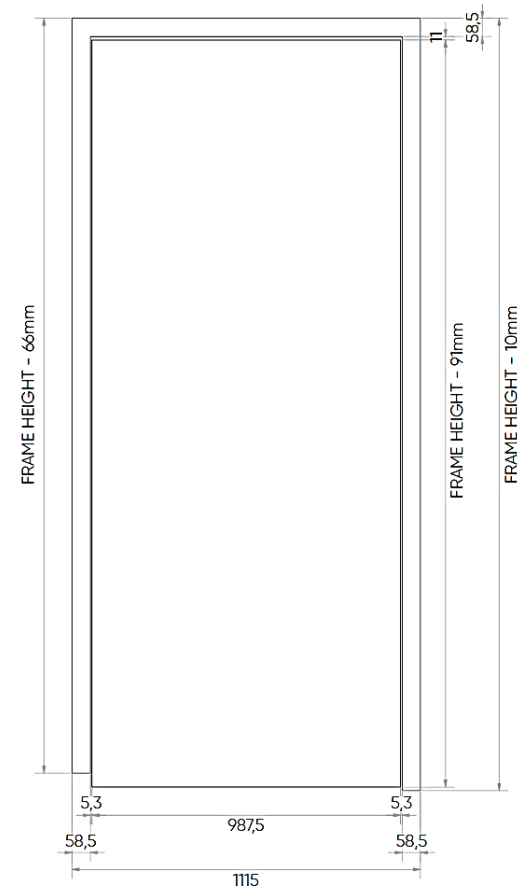
Curved doors



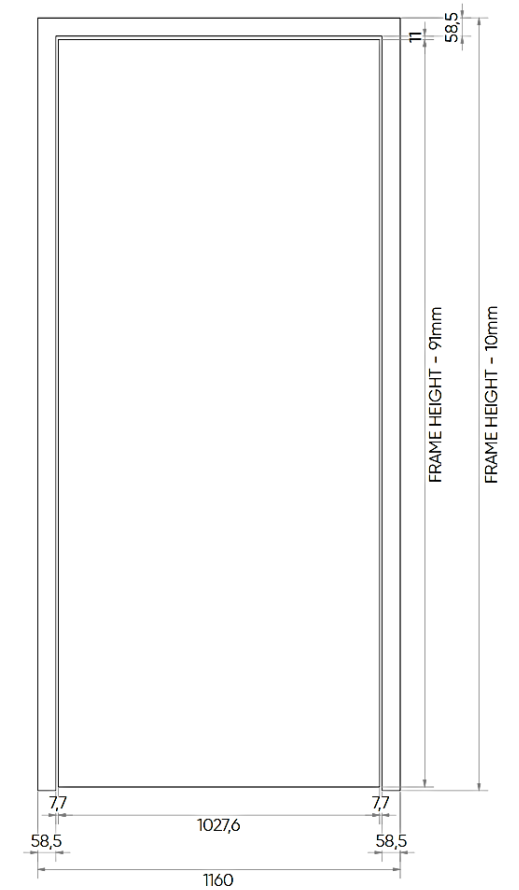
629 1488 ++++ L



PANEL [FRONT] DIMENSIONS



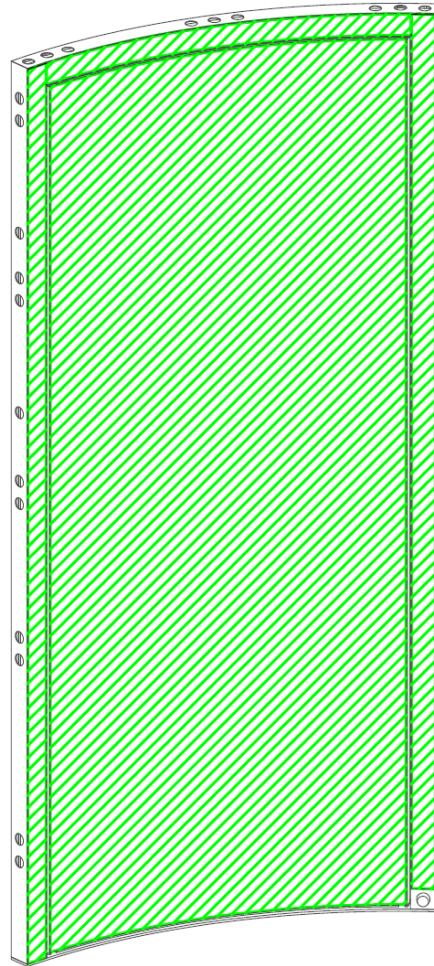
PANEL [BACK] DIMENSIONS



Curved doors



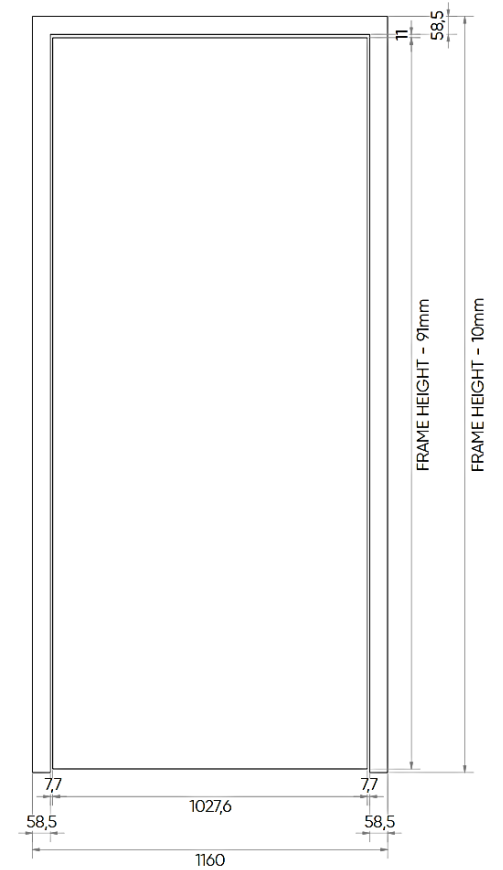
629 1488 ++++ R



PANEL [FRONT] DIMENSIONS



PANEL [BACK] DIMENSIONS



Curved doors



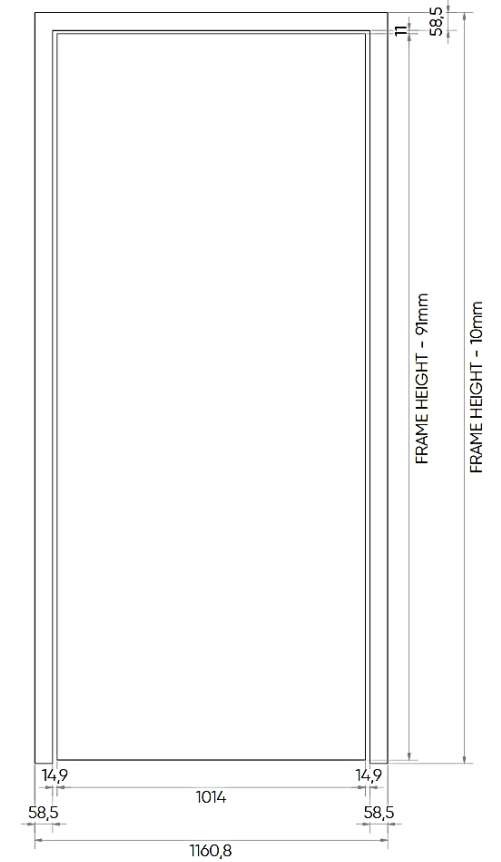
629 2976 ++++ L



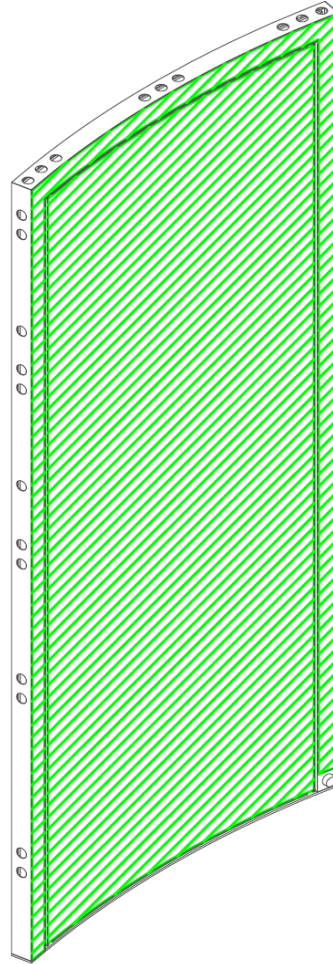
PANEL [FRONT] DIMENSIONS



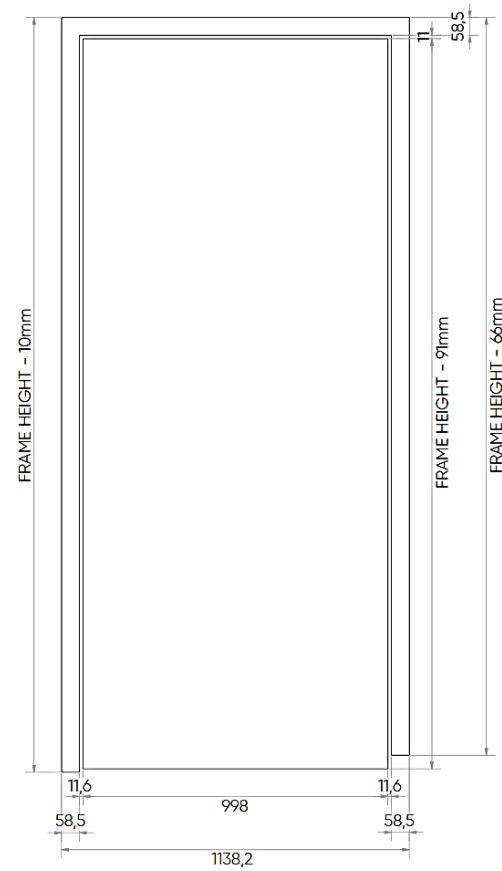
PANEL [BACK] DIMENSIONS



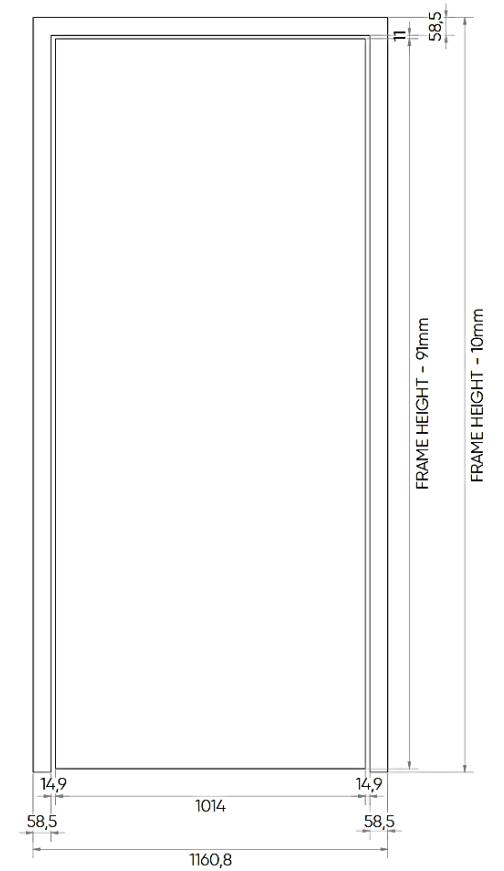
Curved doors



PANEL [FRONT] DIMENSIONS



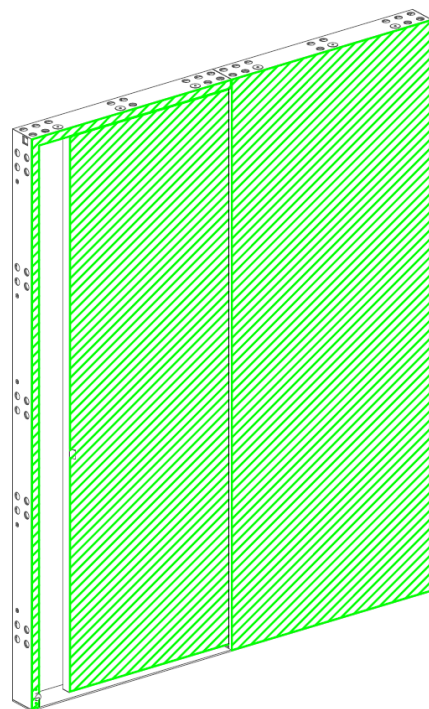
PANEL [BACK] DIMENSIONS



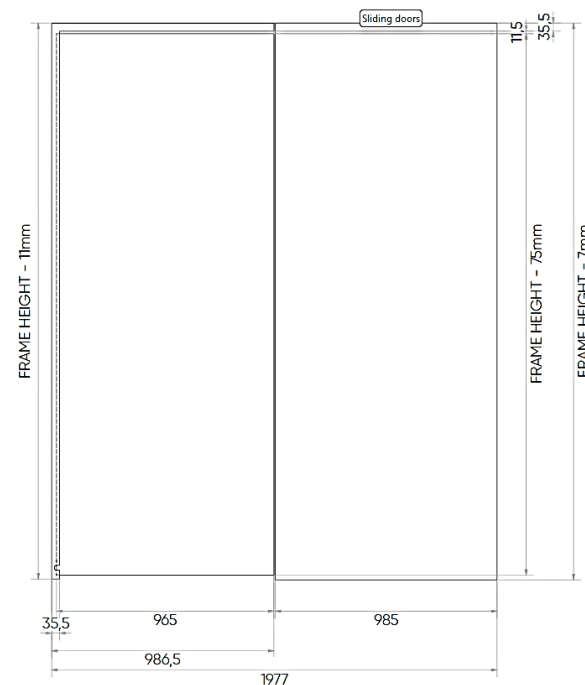
Determine infill dimensions for

B62 sliding doors finished with panels.

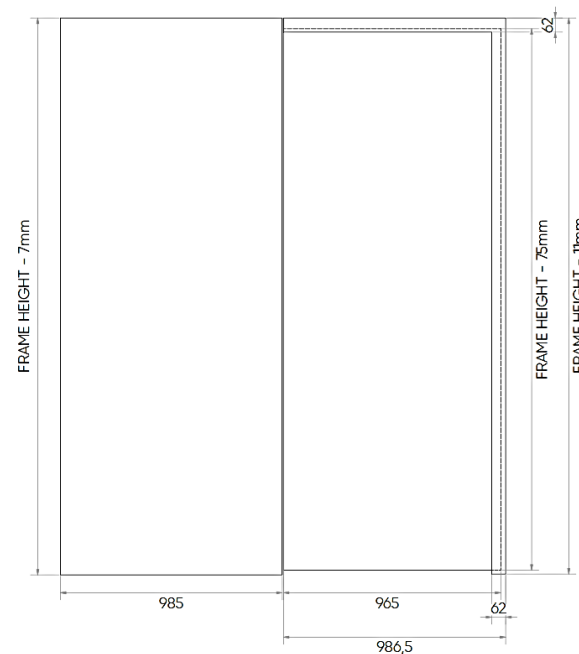
Sliding doors

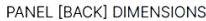
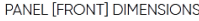


PANEL [FRONT] DIMENSIONS



PANEL [BACK] DIMENSIONS



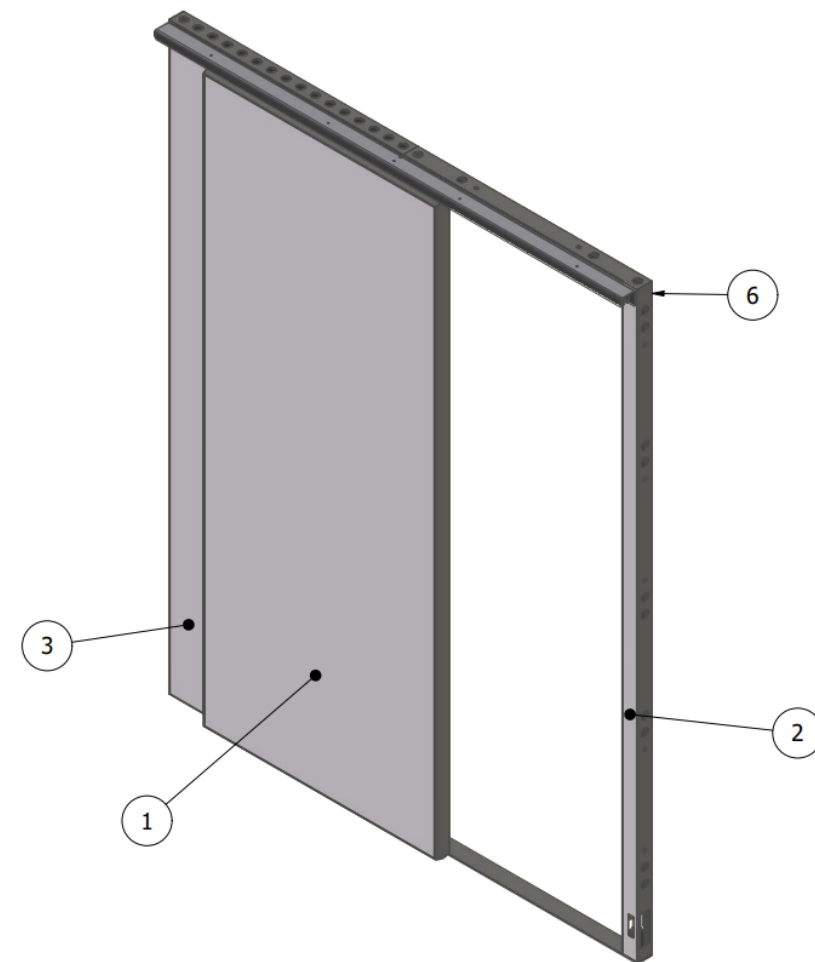
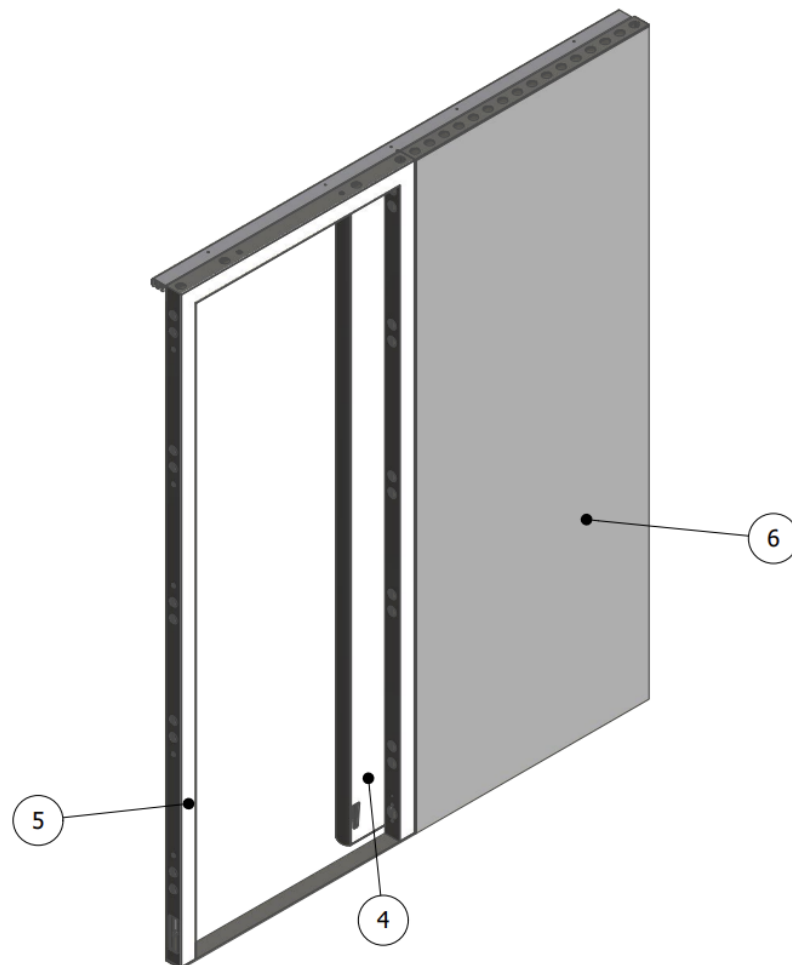


Sliding doors



Part list

Item	Article
1	Panel Black IN
2	Panel Black OUT
3	Panel Black SIDE
4	Panel Front IN
5	Panel Front OUT

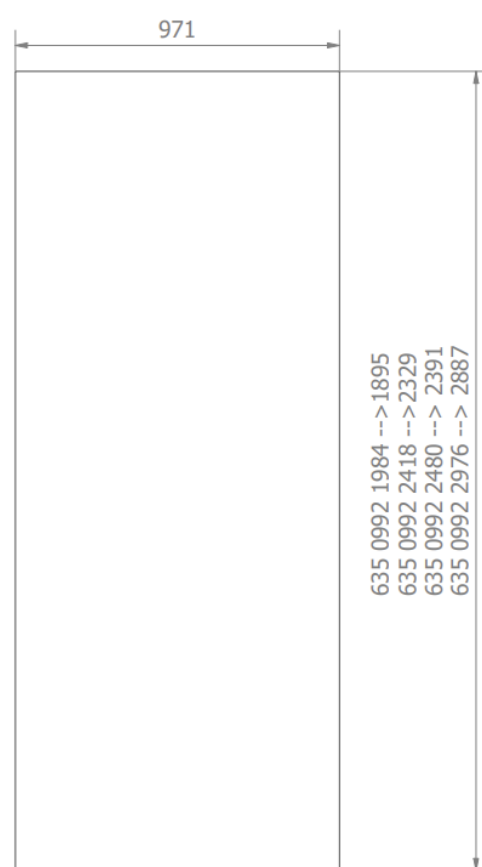


Sliding doors

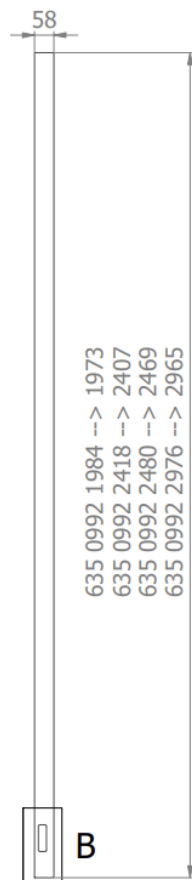


Part list

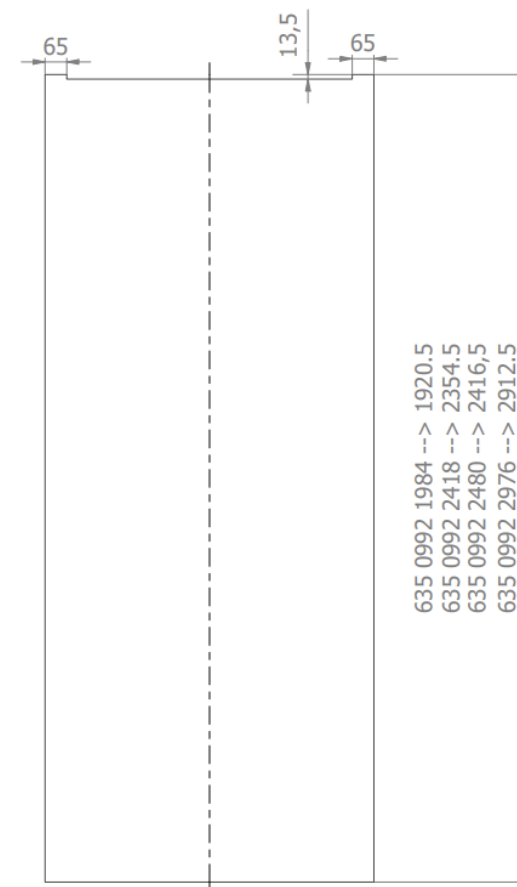
Item	Article
1	Panel Black IN
2	Panel Black OUT
3	Panel Black SIDE



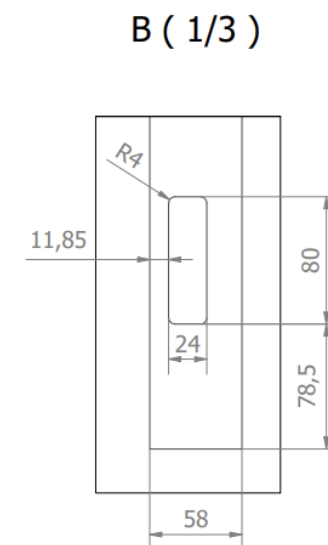
1 PANEL BACK IN



2 PANEL BACK OUT



3 PANEL BACK SIDE



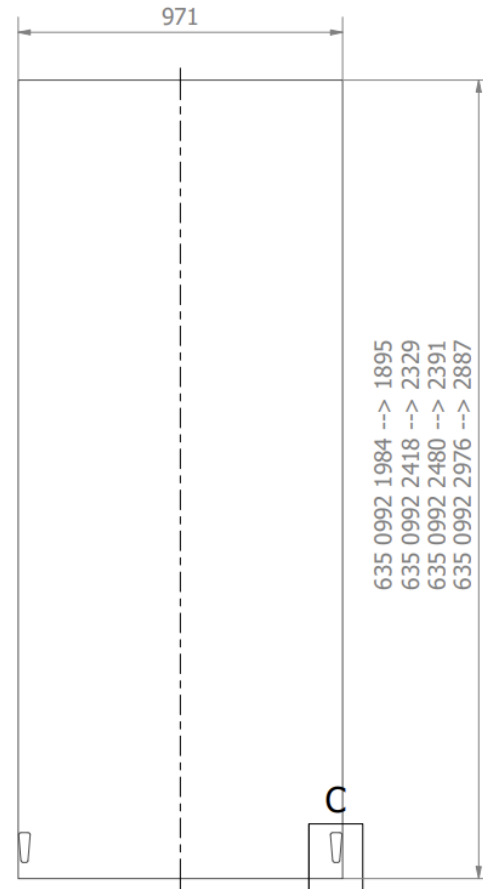
Sliding doors



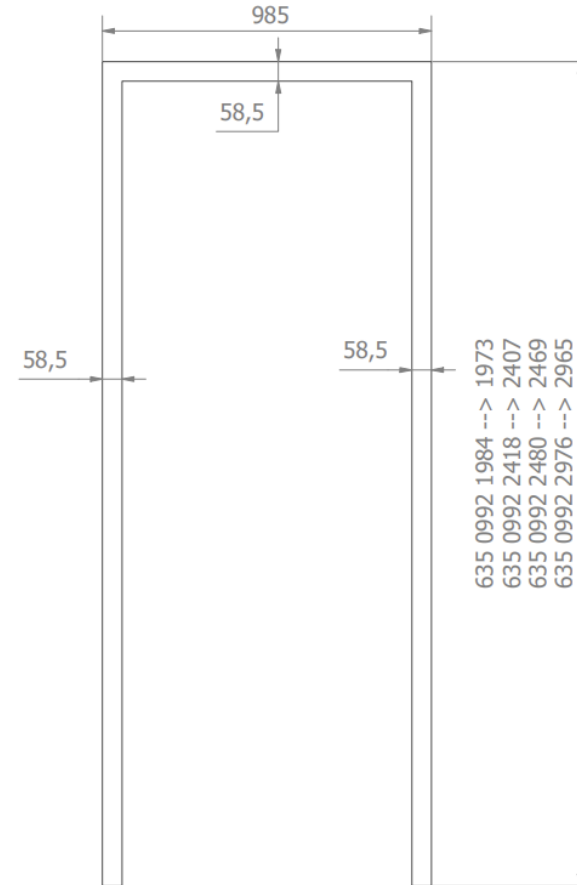
635 0992 +++++

Part list

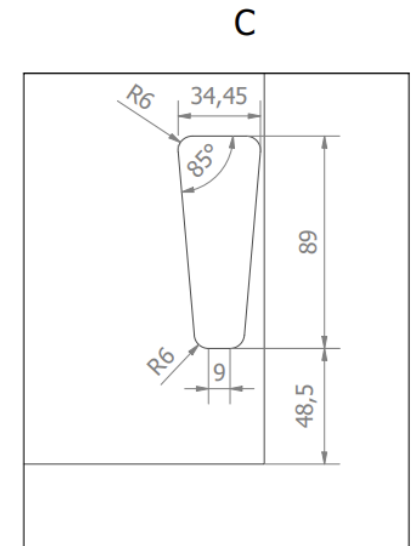
Item	Article
4	Panel Front IN
5	Panel Front OUT



4 PANEL FRONT IN



5 PANEL FRONT OUT



Determine infill dimensions for

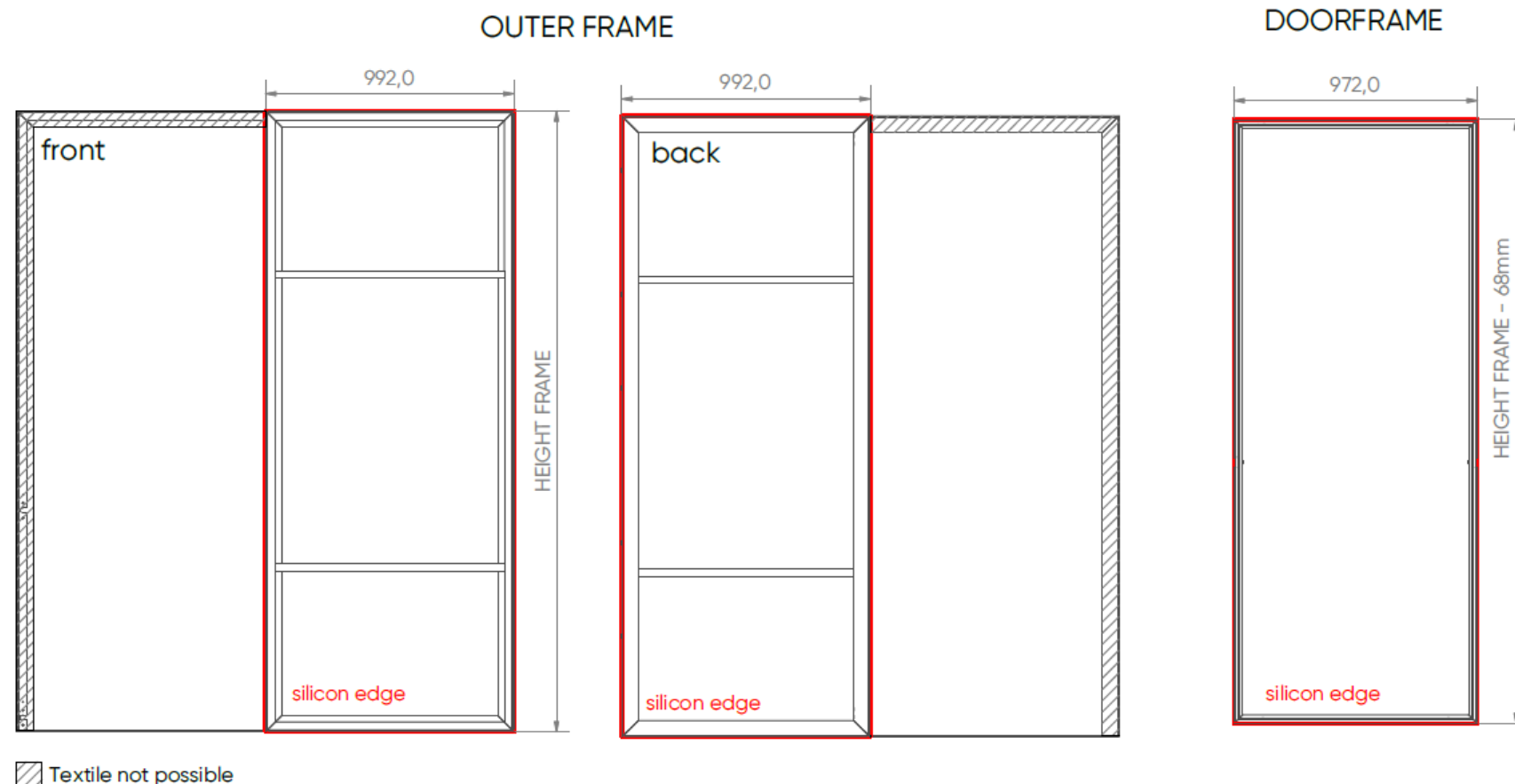
B62 sliding doors finished with textiles.

Sliding doors with textiles



IMPORTANT!

Applying textile to a sliding door is more complex than using panels. For optimal results, we recommend sending a physical door to your printing partner so they can test-fit the textile and validate the final dimension.

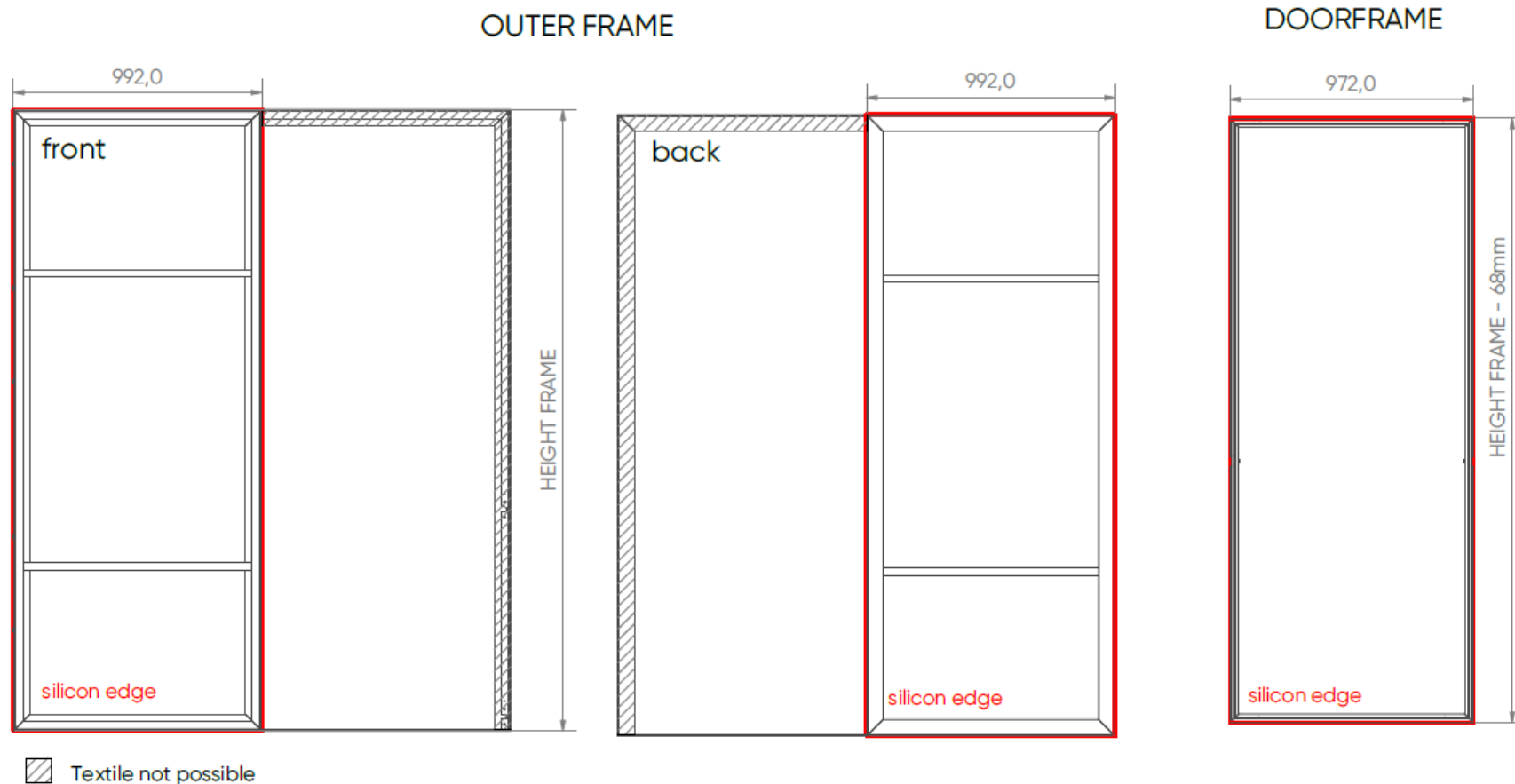


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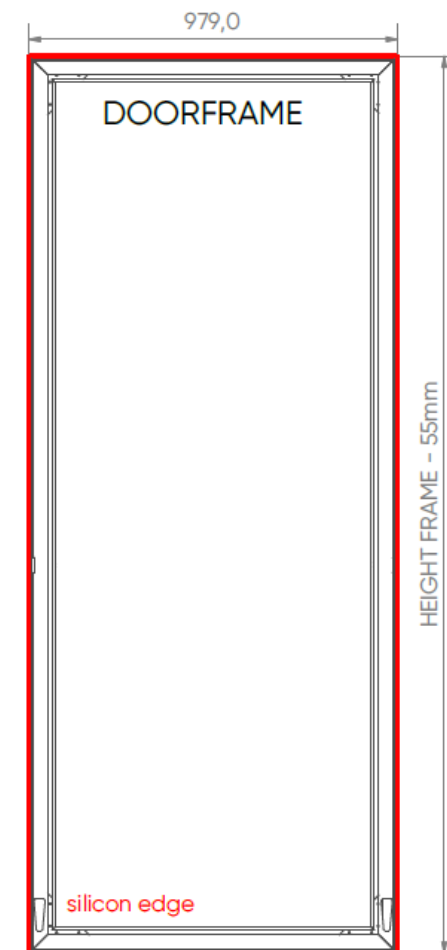
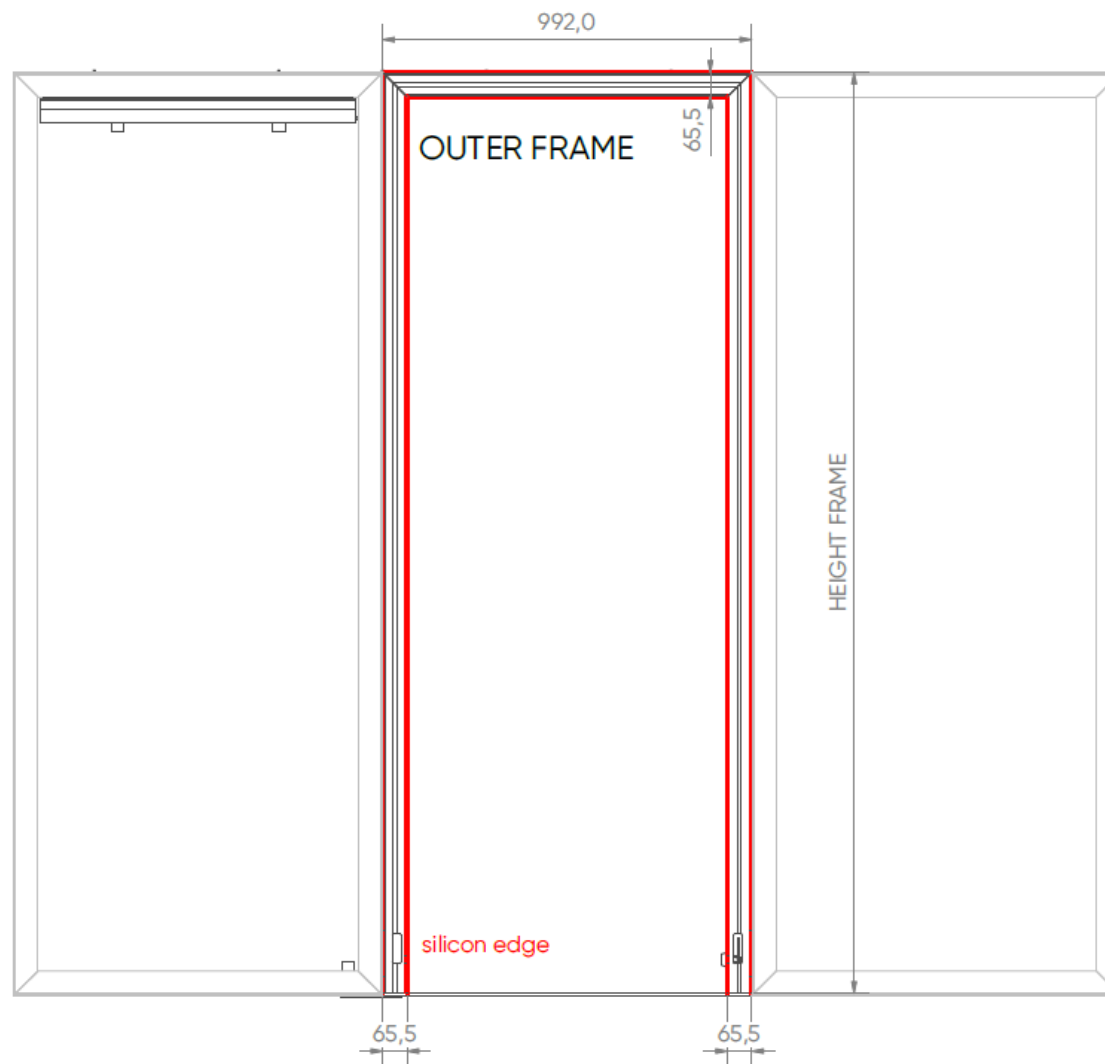


Sliding doors with textiles



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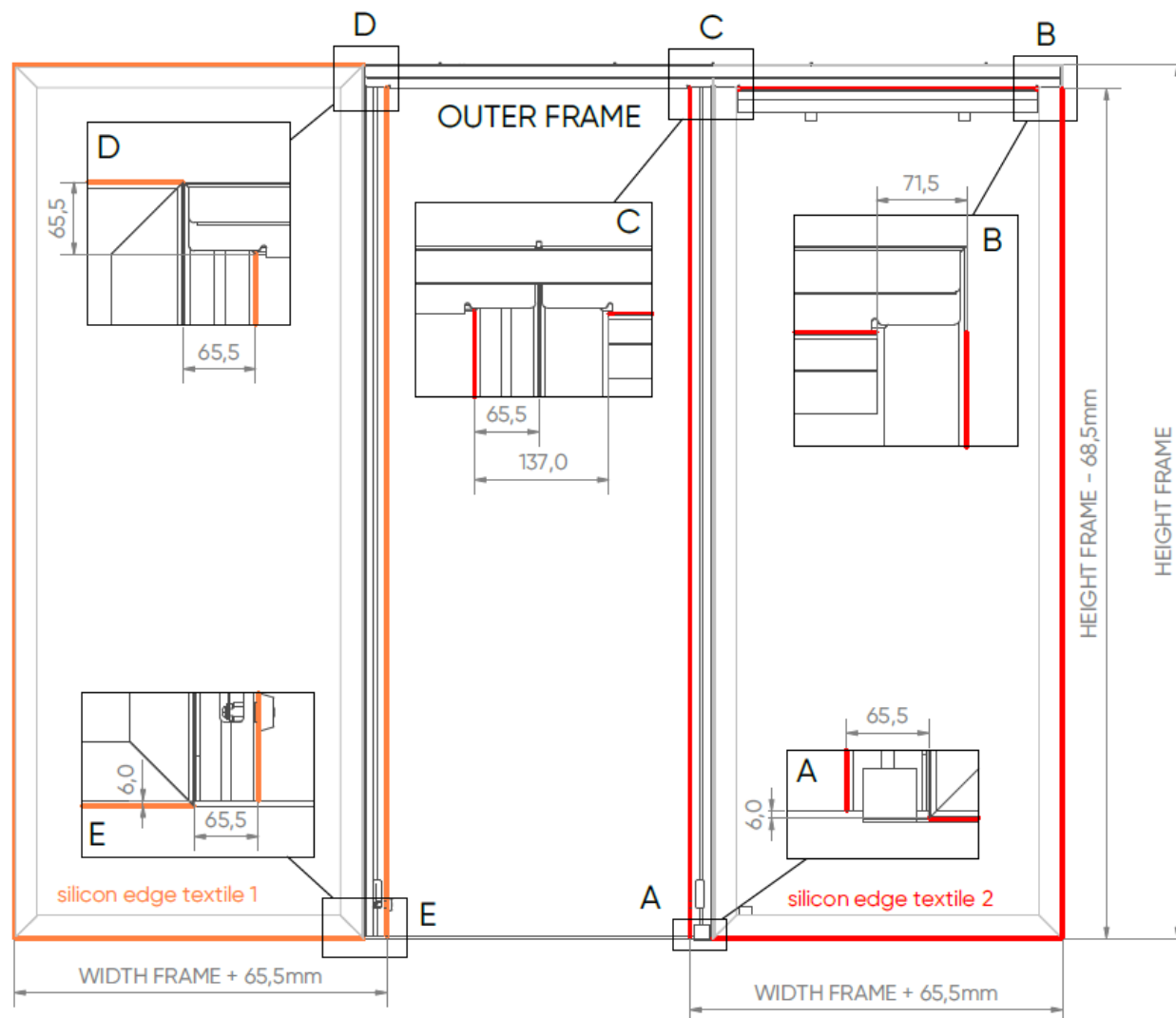


Sliding doors with textiles



IMPORTANT!

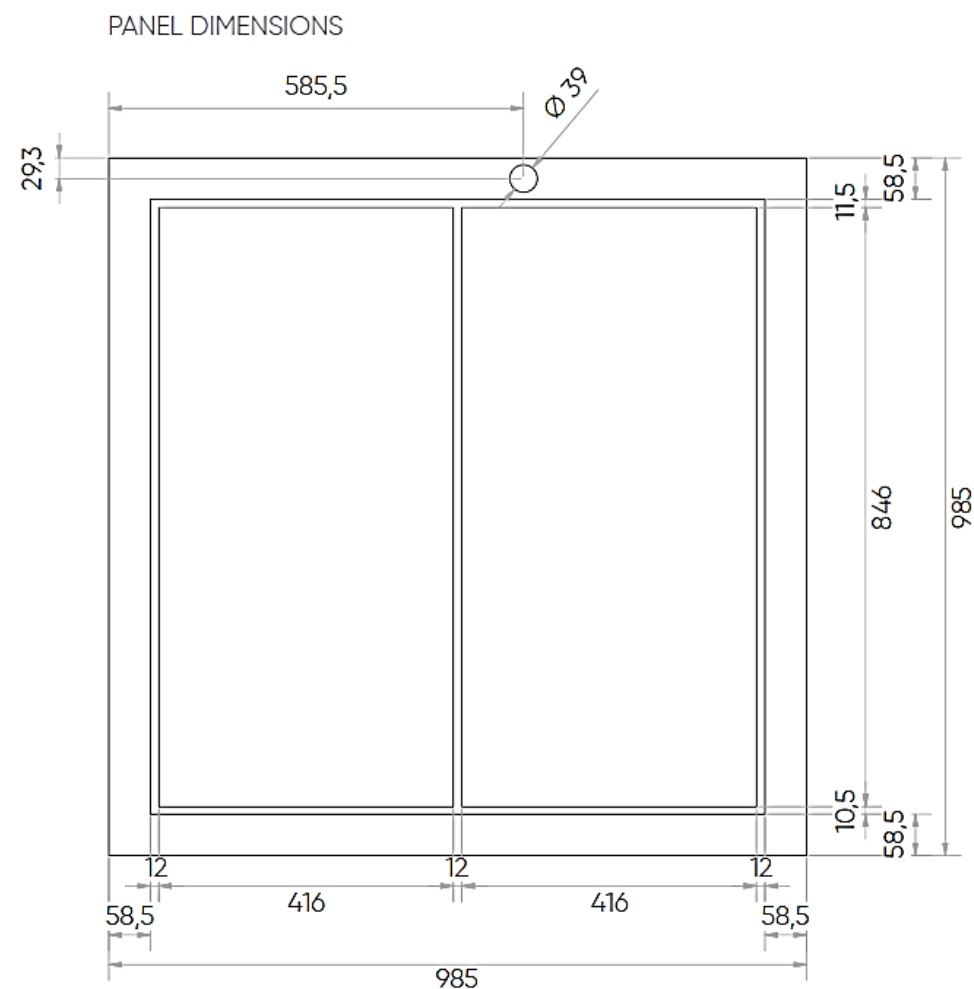
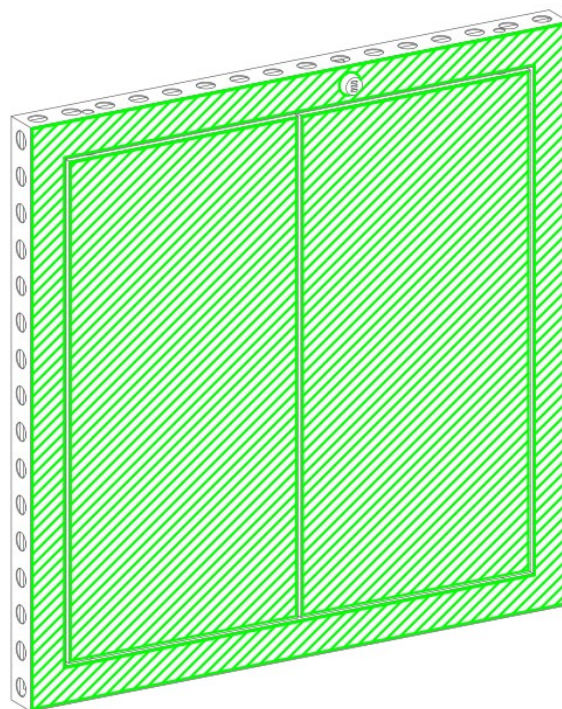
Applying textile to a sliding door is more complex than using panels. For optimal results, we recommend sending a physical door to your printing partner so they can test-fit the textile and validate the final dimension.



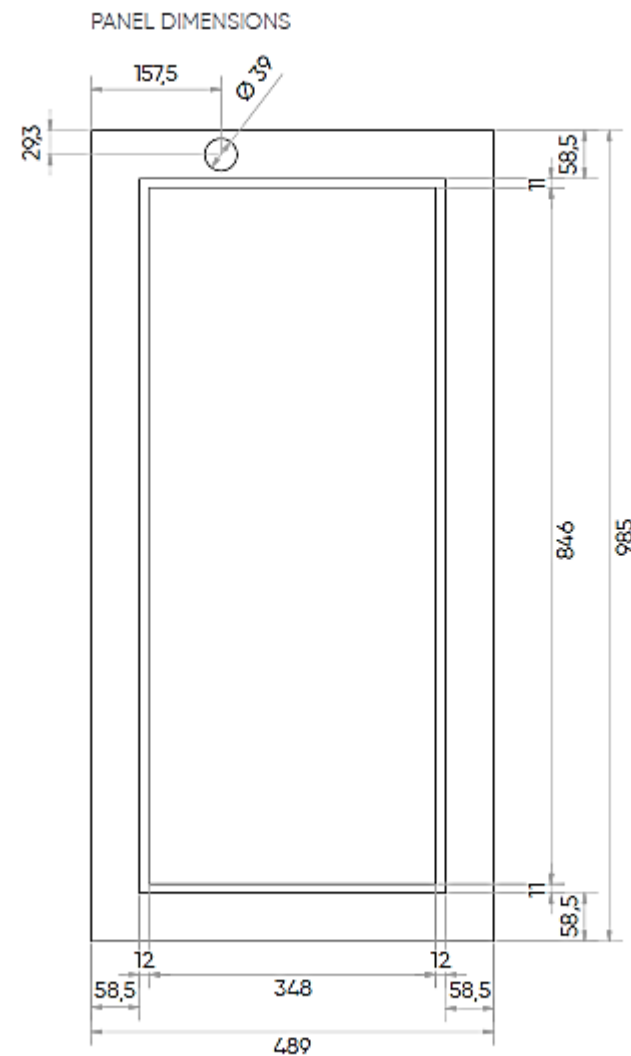
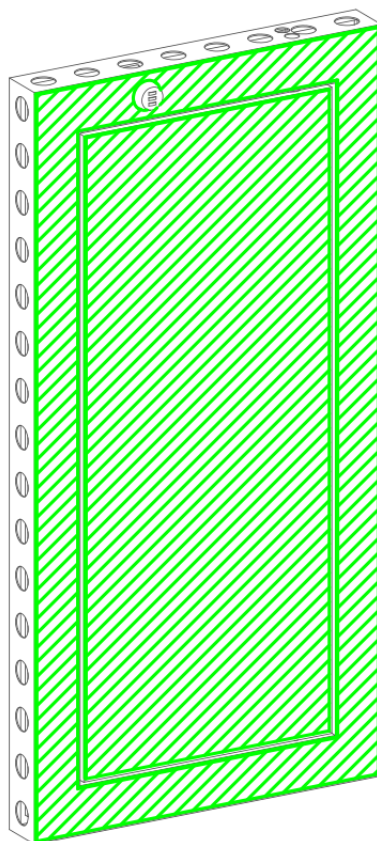
Determine infill dimensions for

**B62 locking
storage door
finished with
panels.**

Double locking storage door



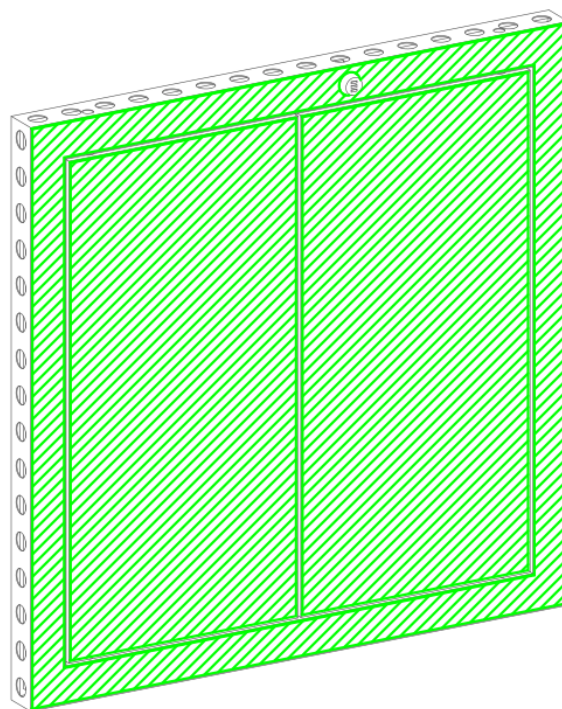
Single locking storage door



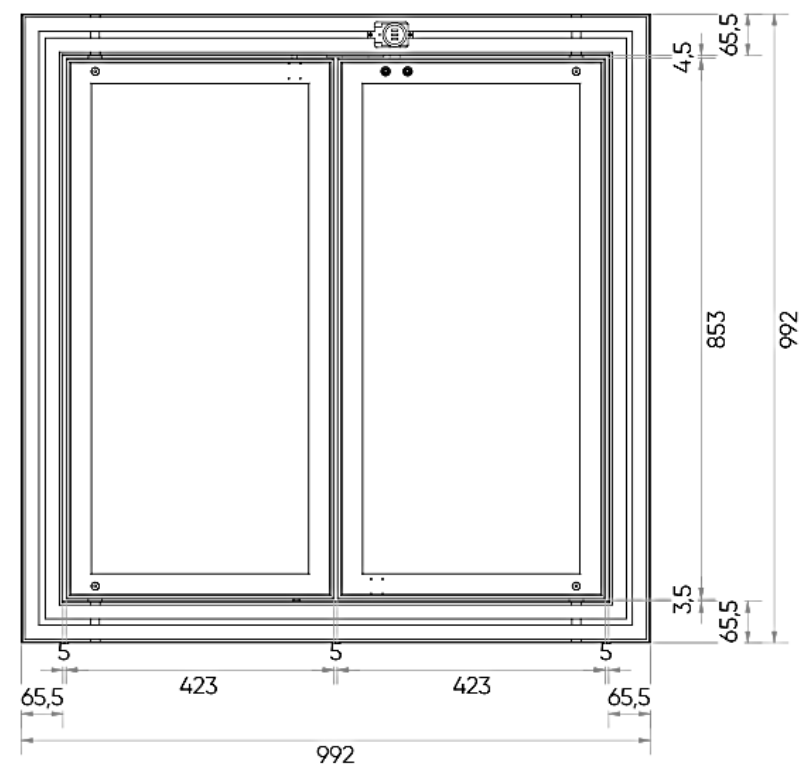
Determine infill dimensions for

**B62 locking
storage door
finished with
textiles.**

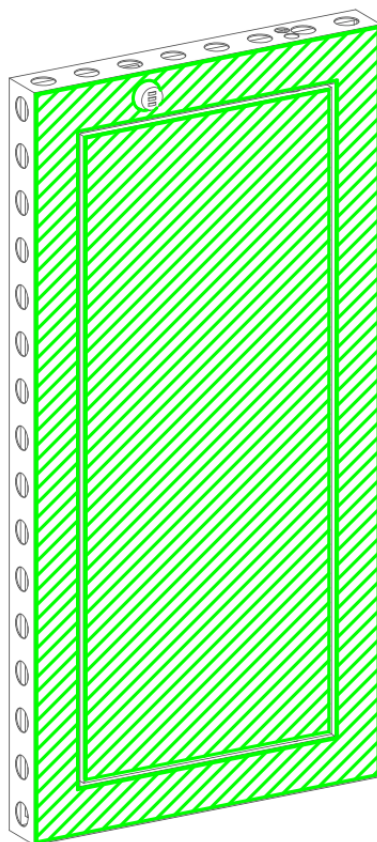
Double locking storage door



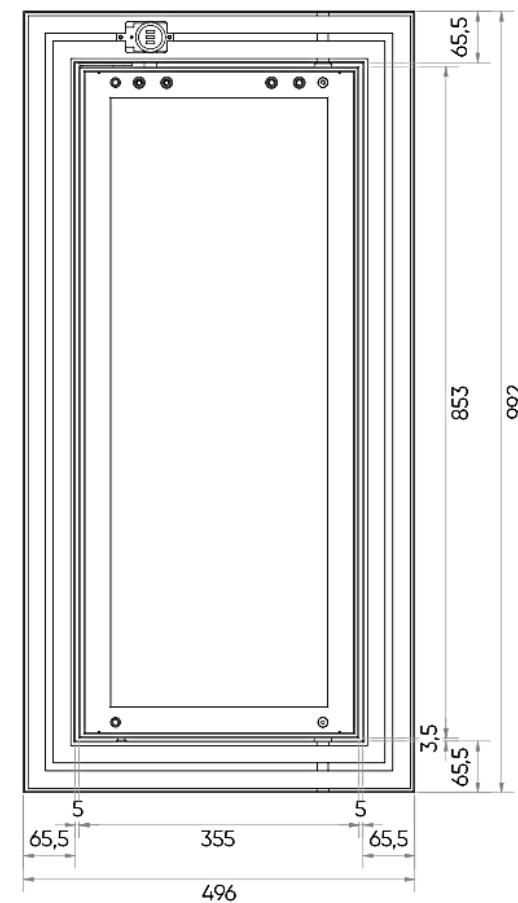
FRAME DIMENSIONS



Single locking storage door



FRAME DIMENSIONS



beCAD plan2print



Skip the manual work with **beCAD plan2print**.

Simply design your stand in beCAD and generate exports for panels and textiles in just a few clicks.

No manual measuring, no complex calculations, and no need to create every panel or textile file individually.

- ◆ Automatically generate files with the right dimensions.
- ◆ Save valuable design and production time.
- ◆ Reduce risk of costly sizing errors.

Users of beCAD plan2print also enjoy exclusive beCAD discounts on prints at a selection of audited **bePartner Print** partners. Start your trial today!

beCAD[®] plan2print

Less time on infill plans.
More for big ideas.

FREE TRIAL



Thank you for choosing bematrix. For more information surf to the library on our website. Create your account an get access to all our technical brochures, manuals and videos.

Or contact us: info@bematrix.com