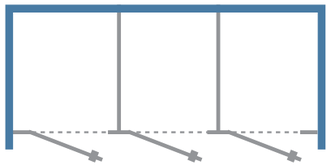
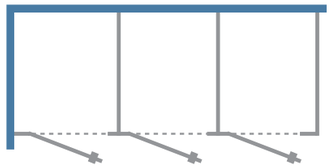
GENERAL INFORMATION

Begin the assembly of the cubicles by measuring the floor gradient, as well as the perpendicularity and flatness of the walls where the aluminum profiles of the partitions will be mounted. The supports should be preliminarily adjusted to account for the direction of the floor's slope. If the assembly starts from the wall at the lowest point of the floor, the support screw is unscrewed to the maximum. If the elevation of the floor is highest at that point, screw in the support screw to the maximum.

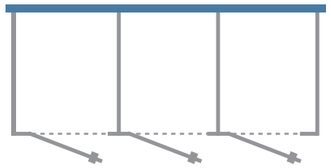
Our cubicles are manufactured in types:



I - mounted between walls



II - mounted in the corner



III - mounted against the rear wall

PREPARATION FOR ASSEMBLY

1. In the case of the delivery of several cibicle sets, all elements are marked according to the description on the drawings received from the Client. (Cubicles may be unmarked if there are so few that mixing up the elements is impossible.)

2. The lengths of the front walls of individual cubicle sets indicated in the order were achieved by making side and interdoor walls (narrow strips) with precisely calculated widths. Unless otherwise requested by the Client, in one set of cubicles, the width of the side walls is half that of the interdoor walls. They form a set and must not be swapped with the walls of other sets.

3. Before starting the assembly, attach profiles C10, C12, C18, C28 to the side edge strips and interdoor walls (they are not connected) using screws:
- **D** - 4 x 8 mm for HPL construction, - **E** - ø 3.5x16 for MFC construction.

Next, attach the support brackets to the side edge walls and partition walls (non-standard depth construction) using screws:
- 6x16 for HPL10 construction, - 6x20 for HPL12 construction, - 6x25 for MFC18 construction, - 6x35 for MFC28 construction.

4. Due to common errors in the verticality and flatness of room walls, the C10, C12, C18, C28 profiles fixing the system walls to the wall are not attached to the walls and must be screwed in using screws:

- **B** - ø 4.2 x 9.5 mm for HPL construction, first drilling the profile in the recess with a ø 3.5 drill,
- glued during installation, additionally screwed in with **C** - ø 4.2 x 16 mm screws for MFC construction.

Apply glue along the entire length in the recesses on the inner surfaces of the side walls of the profiles.

Mounting holes in the cubicle walls should be drilled with a 3.5 mm drill bit only after securing the profiles to the room walls and positioning the cubicle walls within them.

5. The curing time for silicone adhesive is at least 3 hours.

6. The overhead reinforcement profiles have lengths corresponding to the front wall lengths of individual cubicle sets or are delivered longer and need to be cut (on the perpendicular cutting side) during installation to the required size. For long cubicle sets, the connection of the overhead stiffening profile should be located above the interdoor wall, and on both sides of the joint, the profile should be screwed to the edge of the panel.

7. Double-chamber reinforcement profile is used in the cubicles and should be placed with the appropriate socket on the edges of the interdoor walls, drilling mounting holes along the recess in the socket base:
- ø 3.5 for HPL and MFC construction, to a depth of approx. 10 mm (2 per wall). In the profile, enlarge the holes with a drill:
- **B** - ø 4.2 x 9.5 mm for HPL construction,
- **F** - ø 3.5 x 50 mm for MFC construction.

8. The bracket screws, which can be tightened with an 8 mm wrench, allow for leveling the walls. After leveling the walls, tighten the M10 locknut. The standard clearance for the construction is 180 mm.

9. Delivered cubicle elements have hinges mounted on the interdoor walls and adjustable brackets (unless there is a special justified need to send walls without attached accessories).

10. Door hinges are lubricated with a special, highly durable, and viscous grease. During transport and installation, prevent the lubricated surfaces from getting dirty or wiped off.

11. If elements of different widths are used in the same set of door frames (interdoor walls), these elements are additionally marked, and a list of these markings is included with the product.

ALSANIT®

ASSEMBLY INSTRUCTION

Scan the QR code
to watch the instruction video.

SOLARI
WC CUBICLES

REQUIRED TOOLS

- Tape measure
- Spirit level at least 1 m long
- Adjustable height support 160 – 200 mm
- Cordless screwdriver with TX bit
- Electric drill with 8 mm tile drill bits
- Metal drill bits: Ø 3.5 mm
- 8 mm, 17 mm wrench - flat
- Soft pencil or fine pen

Cubicles should be installed in clean rooms after the completion of all masonry, painting, and tiling work.
Careful maintenance of vertical and horizontal levels is a prerequisite for the correct assembly of the structure.

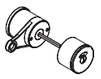
To avoid damaging the surfaces of the panels and profiles that make up the partitions, the delivered components should be placed and supported on styrofoam pads throughout the assembly process. If there is a need to store the delivered panels for an extended period, to protect them from warping, they should be laid in a dry room, on a horizontal, flat surface with a layer of styrofoam separating each layer.

Support: www.alsanit.ie/for-the-customer

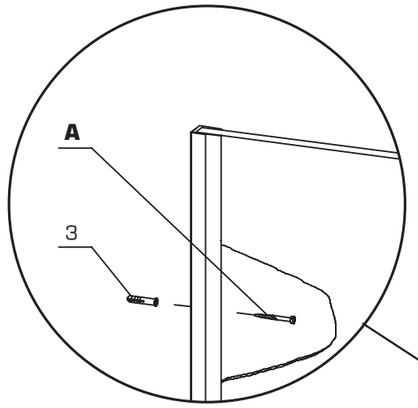
Scan the QR code to watch the instruction video
https://youtu.be/YgpeL8RIS9o

WC cubicles - SOLARI system

ALSANIT®

1		core bracket cover
2		base for the bracket
3		wall anchor
4		cover
5		knob-lock
6		silicone
7	**A** 	screw 5.0 x 50 mm
8	**B** for HPL	4.2 x 9.5 mm
9	**C** for MFC	screw 4.2 x 16 mm
10	**D** for HPL 	screw 4 x 8 mm
11	**E** for MFC 	screw 3.5 x 16 mm
12	**F** for MFC 	screw 3.5 x 50 mm

1



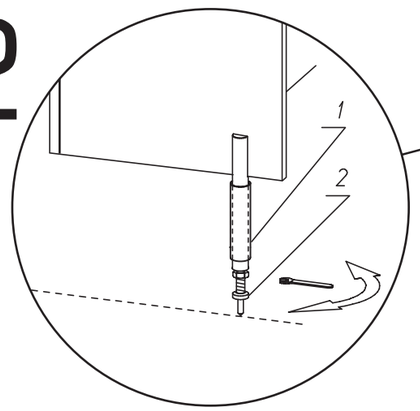
1. Mark a line on the floor parallel to the back wall at a distance of „**D**."

2. After adjusting the height and leveling the wall-mounted element, mark the position of the aluminum profile connecting the cubicle to the room wall on the wall.

3. Remove the panel of the wall-mounted element from the profile, place it against the wall in the marked position, and mark the axes of the holes for ø 8 mm wall anchors on the wall.

4. Screw the profile to the wall using **A** - ø 5.0 x 50 mm screws, insert the wall-mounted element, level it.

2

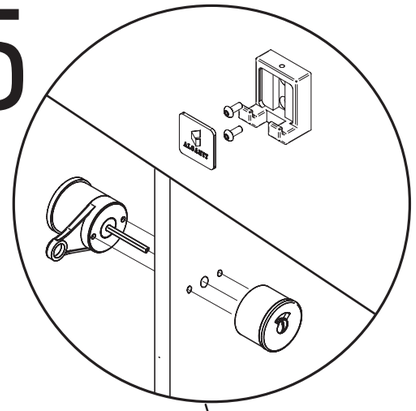


1. After leveling, mark the point of support bracket placement.

2. Using an ø 8 mm drill, create a hole at the marked location to a depth of 20 mm. Insert the reinforced end of the support bracket into the drilled hole.

3. Use an 8 mm flat wrench to adjust the clearance between the wall and the floor, then tighten the M10 locknut to secure it, 17 mm wrench - flat.

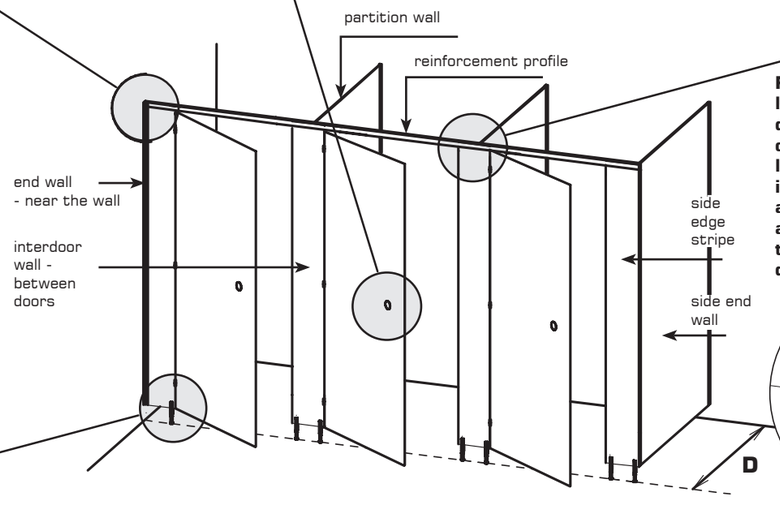
5



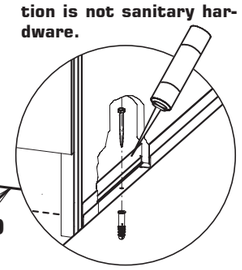
1. Install knob-locks.

2. Attach the clothing hook. Position the hook base in the designated spot and mark the drilling location. Drill holes using a ø 3.5 mm bit to the following maximum depths:
HPL - 7 mm | MFC - 2 mm.
Mount the hook with screws:
B - 4.2 x 9.5 mm,
and apply the hook cap.

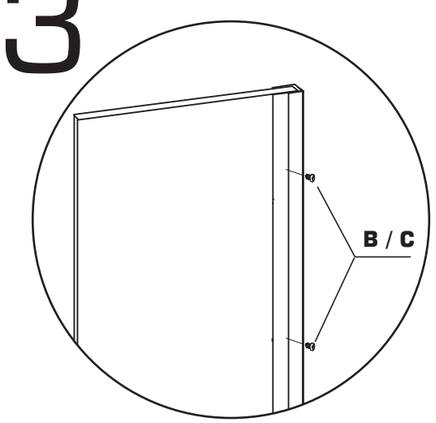
3. Clean and remove everyday dirt from the surface of the panels and profiles using maintenance cleaner „A1."



For floor-mounted installations, it is recommended to seal the inside of the C-profile with silicone to prevent water ingress; this does not apply to external joints, as the Alsanit construction is not sanitary hardware.



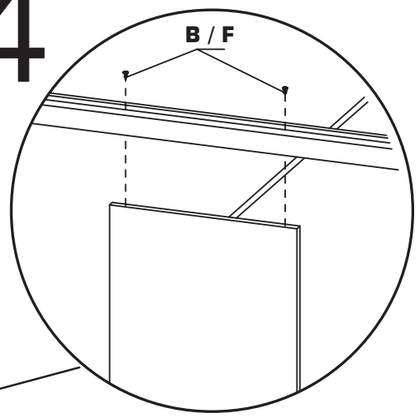
3



Then:
1. Drill holes from inside the cubicle along the profile recess line using a ø 3.5 mm drill bit to a depth of:
HPL construction: max. 10 mm
MFC construction: max. 18 mm
Secure the panel to the profile using screws:
HPL construction: B - 4.2 x 9.5 mm
MFC construction: glue into the profile and additionally secure with screws:
C - 4.2 x 16 mm

2. Install the door and temporarily support it until the reinforcement profile is installed.

4



Connect the interdoor wall to the partition profile:

- **HPL construction**: **D** - ø 4 x 8 mm screws,
- **MFC construction:** first glue into the profile and then screw: **E** - ø 3.5 x 16 mm screws.

2. Connect the partition wall to the interdoor wall - see Step 3.
3. Position the element on the designated line, ensuring a 3 mm gap between it and the door leaf.
4. Secure the profile connecting the partition wall to the room wall - see Step 1.
5. Adjust the height of the wall-mounted and interdoor elements using an 8 mm wrench, then attach the brackets - see Step 2.
6. Fix the partition wall to the room wall by following Steps 1 and 3. Use the same method for subsequent segments. Once correctly installed, the upper edges of all walls should be horizontally aligned in a single line.
7. Install the reinforcment profile. Check its length and cut it if necessary.
8. Place the profile on top, ensuring a 3 mm gap between the door leaf and the interdoor wall.
9. Drill through the profile and interdoor wall using a 3.5 mm drill bit, creating two holes for each wall.
10. Attach the profile to the interdoor walls with screws:

- **HPL construction**: **B** - ø 4.2 x 9.5 mm
- **MFC construction: F** - ø 3.5 x 50 mm