

ASSEMBLY INSTRUCTIONS

CHECKING UPON DELIVERY

1. Check the packaging for external damage such as cracks, dents, or other abnormalities. Document any damage with photos and make a note of it.
2. Open the packaging carefully to avoid damaging the contents. Ensure all parts are included according to the packing list or order.
3. Compare the scope of delivery with the original order to ensure all items, accessories, and documentation (e.g., instructions) are present.

ASSEMBLY PREPARATION

1. The substrate must be dry, free of grease and dust, and as level as possible. Particularly sandy substrates should be primed.
2. Clean the substrate without using chemical cleaners or vinegar-based cleaners.
3. Avoid contact between the surface and sharp or pointed objects.

Aluminum back panels can be processed afterward. Straight cuts, recesses for sockets, or switches can easily be made yourself using standard tools such as hole saws, jigsaws, and circular saws. It is best to use Bi-Metal hole saws and metal or aluminum jigsaw blades and multi-material circular saw blades for the aluminum material.

MEASURING CORRECTLY BEFORE THE FINAL CUT

No wall is 100% straight; consider ordering panels slightly larger and cutting them to fit on-site.

1. Measure as accurately as possible but always leave a few millimeters of air to be able to better align the panel later. You can cover many edges later with a silicone seam or aluminum strips.
2. Use a compass or objects with the appropriate diameter for drill holes and cutouts.

Pro-Tip: Use the cardboard that protected your print during transport as a template. This allows you to check the cut panel size and the position of the drill holes and cuts in advance.

CUTS

1. Ensure that the work surface is level and stable to enable precise cuts
2. Place the back panel with the motif facing down (!) on the work surface. Use a soft surface, e.g., a blanket or cardboard, to avoid scratches on the motif side.
3. Draw the desired cut line. Tip: For an optimal result, leave 2 mm of space on each side for the silicone joint. This will give you some room for optimal alignment later.
4. Use a jigsaw or hand-held circular saw and cut along the drawn line. Guide the saw steadily and with a calm grip until the back panel is completely separated. Ideally, use a guide rail.
5. If necessary, process the cut edge with a file or coarse sandpaper to achieve a clean and smooth surface.

DRILL HOLES AND CUTOUTS

1. Cutout with a hole saw (drill with core bit)

Position the hole saw precisely at the marking or in the center of the planned cutout. Drill carefully until the hole is completely cut out.

2. Cutout with the jigsaw

Drill within the hole to be cut out using an HSS drill bit that is at least as thick as the saw blade. From there, you can start sawing along the drawn line.

3. Process the cut edge with a file or coarse sandpaper to achieve a clean and smooth surface

PREPARATION FOR ASSEMBLY WITH SILICONE OR ADHESIVE

1. Solvent-free silicone is very well suited for aluminum or acrylic and can usually be removed well in the event of later dismantling of the panels. Attention: Some silicones contain ingredients that can cause corrosion or damage to the aluminum. Ideally, use silicone for the sanitary area with properties such as mold resistance and permanent moisture resistance.

Assembly adhesive adheres to even more surfaces and is permanently firm. On the other hand, it is usually less flexible after drying and any subsequent dismantling of the panels is more difficult. Silicone gun for the silicone or assembly adhesive cartridge. Silicone smoothing agent or a water-detergent mix

2. Silicone gun for the silicone or assembly adhesive cartridge.

3. Silicone smoothing agent or a water-detergent mix.

Pro-Tips: It is best to check in advance which adhesive material is best suited for your surface. Always take one or two extra cartridges. Better to have it and not need it than to need it and not have it ;-)

ASSEMBLY OF THE BACK PANELS

1. Hold the back panel against the desired position on the wall as a test. Check whether the dimensions and alignment are correct. Mark the position if necessary for precise application.
2. Important: Remove the protective film on the back! If you have already removed the film before any cutting, take a clean, slightly dampened cloth and wipe the back of the back panel thoroughly to remove dust, grease, or other residues. Then dry the surface with a lint-free cloth if necessary. Do not use chemical cleaners, vinegar-based cleaners, or other aggressive cleaning agents. These could damage the material of the back panel or the adhesive applied later.
3. Place the silicone or assembly adhesive cartridge into the silicone gun and test in advance whether the material emerges evenly. Hold the back panel on a stable, level surface. Place the silicone gun at a corner of the back panel and apply the material in even, continuous, wavy lines to the entire back side.
Keep a distance of approx. 2-3 cm from the edge of the panel to avoid the adhesive material oozing out. As soon as the adhesive material is applied evenly, bring the back panel to the intended location to ensure that the material does not dry prematurely.
4. Carefully press the back panel against the wall. Correct the position slightly if necessary before pressing the panel evenly everywhere and hold it in position for a few seconds until the adhesive material adheres well everywhere.

Pro-Tip: Check in advance with a long, straight lath or spirit level whether the wall is possibly uneven. In this case, apply the adhesive material extra thick. This way, you can compensate for unevenness to a certain degree and get good adhesion over the entire surface.

ASSEMBLY OF MULTI-PART BACK PANELS

- 1.** Ensure that the edges of the back panel already attached are clean. Prepare the next back panel by cleaning it according to the previous steps and applying the adhesive material in even, continuous, wavy lines to the back.
- 2.** Carefully hold the next back panel so that it is aligned directly edge-to-edge with the back panel already attached. Exact alignment is crucial to achieve an even and clean appearance.
- 3.** Once the position fits, press the back panel evenly against the wall. Check the alignment while pressing so that the edges do not shift.
- 4.** Wipe off any adhesive material that oozes out with a damp cloth before it dries. Check the accuracy of the fit of the edges again and adjust them if necessary before the silicone adheres completely.

CORNER INSTALLATION ASSEMBLY

- 1.** Position the first back panel on the first wall side and fix it according to the general assembly specifications.
- 2.** Place the next back panel on the adjacent wall so that it maintains a distance of approx. 3 mm from the first back panel.
- 3.** Check whether the motif is correctly aligned and runs across the corner without offset.
- 4.** After the adhesive material has dried, fill the gap completely with silicone to create a clean and flexible connection. Smooth the silicone joint to achieve an optically perfect finish.

SEALING/GROUTING THE BACK PANEL

1. Mask the edge of the back panel with removable adhesive tape to avoid silicone residue and contamination on the back panel. Ensure that the joint is free of dust, grease, and other residues so that the silicone adheres optimally.
2. Cut the nozzle of the silicone cartridge at a 45° angle to allow for clean and even application. Place the tip at an angle to the joint and fill the joint evenly with the solvent-free silicone. Ensure that the joint is filled completely and without gaps.
3. Spray the joint with a silicone smoothing agent or a water/detergent mix and then smooth it with a smoothing tool or your moistened finger to achieve a perfect result.
4. Remove the adhesive tape very slowly. Done!

Silicone joints require approx. 1 day until they are completely cured. During this time, the joint should not be touched, cleaned, or stressed.

Disclaimer: Please understand that we cannot accept any liability for problems and errors during assembly. If you are unsure, ask someone who is knowledgeable for help or hire a professional.

Instructions and videos:

www.shop4walls.de/anleitungen/



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