

LIGHT MY WALL Installation instructions

Please note that the bricks are made of glass, and therefore should be handled with care. Avoid placing glass on glass, or using a hammer or other similar tools on the bricks. Work slowly and carefully to ensure you'll be happy with the results!

REQUIRED TOOLING EQUIPMENT

- folding rule
- cartridge mastic gun
- slitting saw
- level

REQUIRED TOOLING EQUIPMENT ON SITE

- flexible grouting mortar (appropriate to joint width of more than 6mm)
- silicon to seal the connecting joints and fix the end profiles
- tape

PLEASE NOTE

If possible, glue the floor and wall profiles down a day before the glass bricks so you have a stable base to work on.

If there is any deviation, use a waterproof floor-levelling compound, taking into account the manufacturer's instructions regarding drying times and application. The special profiles for LED stripes are marked with a small sticker.

The maximum allowable dimensions of a single-side wall installed with Quick-Fix are 200 x 200cm.

If you are planning a larger project, please contact us before installation on: Tel: +49-2833-57603300 or info@fuchsdesign.de

Please ask a qualified electrician to affiliate the electric connection!

PREPARATIONS

Before assembly, please check that the floor is at a 90 degrees' angle to the wall. If there is any deviation, use a waterproof floor-levelling compound, taking into account the manufacturer's instructions regarding drying times and application. You can then place a loose glass brick onto a long profile (without adhesive). Lay a short profile down between the individual glass bricks (again, without adhesive) to measure the length of the finished wall. Shorten the profiles if necessary.

1. Installing of the floor profiles: apply a 5-6mm thick stripe of glue on the two indentations on the **marked** profile. The marking stickers have to face upwards later.
2. Place the profile on the floor in the desired position (glue upside-down), and press down hard. Choose the direction of the LED stripes' channel. All further profiles have to be arranged in the same direction.
3. Carry on with this process with the wall profile(s). Make sure to use a profile without channel (without sticker).
4. Now apply adhesive to the centre of the smooth back surface of the profile(s). Pay attention not to apply any glue to the channel, as later the LED stripe has to be laid in there. Use the adhesive accordingly!
5. Carry on applying the adhesive to the wall profiles, only up to the height of one brick (one row).
6. Place the first glass brick on the profile; start at the wall. When positioned correctly, the glass brick should sink down a little. Try to carefully pry the brick up a little to make sure that the glue is sticking.
7. Then apply glue to a short profile - as outlined above.
8. Vertically stick the profile onto the side of the glass brick. Make sure that you meet the existing long profile below. Still pay attention not to apply any glue to the channel.

9. Apply more adhesive to the short profile stuck to the glass brick.
10. Carry on until you have reached the desired length of your wall.
11. Once the first row has been installed, check the alignment. You can adjust as necessary if the glue hasn't dried yet.
12. Now apply adhesive to the centre of the smooth side of a long profile. Make sure to use a marked profile with channel (with sticker).
13. Place this profile upside down on the already installed row of bricks. Press on the profile a little to make sure the glue will properly stick onto the row of bricks below. Please keep the same direction of the channels in mind.
14. Carry on with the following rows but pay attention to keep the same direction of all profile. This means the insertion slide-in for LED stripes have to face the same direction.
15. Now insert the LED stripes to the channels.
16. Make sure that the cables are laid regularly side by side in the notches and do not overlap. So, the end profiles can be installed without any difficulty.
17. To make handling much easier, it is possible to fix the cable harness additionally with transparent tape.
18. Now fix the power supply unit at an appropriate place. **Attention:** Make sure that there is enough space between the 220V connection side and any humidity.
19. According to the power supply unit type, you have to bolt the brown and blue cables as well as the controllers' input of the controller together. This is not necessary for power units without cable.
DC+ = Brown
DC- = Blue
20. Carry on with the controller.
21. Bolt the cable harness of the LED stripes together with the controller's output in the following order:
Black = V+
Red = CH1
Green = CH2
Blue = CH3
22. Connect the power supply unit directly to the power network. Otherwise, add a plug to the black cable as seen in the image.
Attention: the 220 V connection should be done by a qualified electrician company!
23. Check all connections and try the functionality of your illuminated wall with the remote control before continuing with step 24.
24. Now apply silicon to the outer areas inside the end profile. **In any case, do not use SRT8.** In case of revision you will be able to remove the profiles only when using silicon.
25. Press the end bo profiles ards carefully down.

Continue as follows

Carry on with all further glass blocks as already proceeded with the first row. **Pay attention to install the profiles so that the LED stripes' channels face the same direction** (cf. image 14).

We recommend to install **max. 5 rows at once**. After, make sure that your glass brick wall is straight by using a spirit level and levelling at front, at the side and from above.

Let all **adhesive dry for 24 hours** unless you continue installing. Then carry on as indicated from image 4 on. Always **wait at least 24 hours before grouting the finished wall**.

Use a standard flexible grouting mortar and follow the manufacturer's instructions. Use a rubber spatula or grouting profile to apply the grouting diagonally towards the wall. The grouting should cover all cavities. Finally, use a suitable silicon to cover the connecting joints between the wall/floor and the glass bricks.

Have fun!