

Installation instructions corrugated roof flashing



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Contents

Foreword	3
Safety.....	3
Guarantee.....	3
Disclaimer.....	3
Step 1 – Mark the roof flashing and make a square opening	4
Step 1 – Mounting the roof curb	7

Foreword

Safety

- Always observe the safety instructions of the materials and tools used.
- Always wear gloves.
- Always have work on the roof construction and roofing carried out by a Licensed roofer or contractor.
- Always have electrical connections carried out by a qualified installer.
- Installation is entirely at your own risk.

Guarantee

- You have a 10-year manufacturer's warranty on any manufacturing defects.
- For the warranty, please keep the original proof of purchase.
- Costs for reassembly or replacement of parts remain at the expense of the customer.
- We will send you the terms and conditions on request.

Disclaimer

Techcomlight expressly rejects any liability for any unexpected additional costs incurred as a result of construction moisture that has been embedded in the system during installation, as well as incorrect installation and any other external influence.

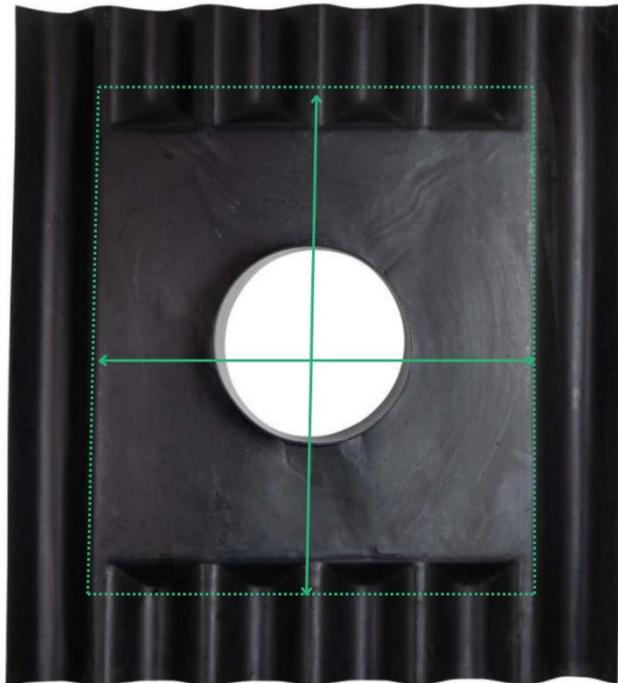
Techcomlight can also never be held liable for damage to structures as a result of work related to making recesses and/or the installation of the delivered products.

Techcomlight does not assume any responsibility or obligation for the failure of an architect, contractor, installer, or building owner to comply with all applicable laws, ordinances, building codes, energy codes, fire and safety codes and requirements, and adequate safety precautions.

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Step 1 – Mark the roof flashing and make a square opening

First measure the below dimensions of the roof flashing (green arrows). Some models have a staggered corrugated profile at the top and bottom, always take the longest size. The measurement includes the bevels as shown below. The dotted line indicates the dimensions of the opening required in the corrugated sheet.



Take the flashing onto the roof and place it on the existing corrugated sheet. Eventually, the flashing will be installed at the top and left or right side under the existing overlapping corrugated sheet. As shown in the photo below:



Remove the bolts around the location where the flashing will be installed. You have to be able to lift the corrugated sheet above the flashing slightly and the same goes for the left or right side. Then place the flashing in the position where it will eventually be installed. If you cannot see from the inside whether there are any pipes or other constructions, you would remove the existing corrugated sheet in advance. If there are no obstructions below, you can continue, otherwise an alternative location must be found. So left or right over a whole wave (this will go below later) and at the top up to the first bolt holes of the sheet above. If it aligns correctly, put a line on the inside of the flashing upstand at the top and bottom so that you know at what height the transit will be. Remove the flashing again, and put it in a safe place nearby.

Now measure the distance at the top of the transit from the curb to the end of the bevel wave, set a line here again, as below:



That is your top of the recess size, now also mark the bottom, you can do this the same as above. Or take the size completely in one go. You could also do both as an extra check. There may really be a cm difference, rather the recess is too big (note square hole in the corrugated iron we are talking about) as too tight. If there is insulation present, we always make a nice round diameter in it, but that is a later step.

Advice is to draw the line after the top, even though this is just sawing in the deepest wave. Once you make the recess, you quickly saw/grind too far. We usually make the recess with a grinder, see photo below:



Never lean or stand on the plate where a square recess has been sawn in until it is really finished.

Step 1 – Mounting the roof curb

Slide the curb under the left or right overlapping corrugated sheet, as below:



Now slide the grommet under the corrugated sheet above it, make sure you have removed the surrounding screws. Check from above whether the passage above the recess is light and whether it fits nicely with the waves everywhere. Screw the screws back on the top so that the corrugated sheet above and the grommet on the top are tightened again.

Then take a wooden rail/beam of about a meter, we use this to mount the grommet at the bottom and as a ravel for the sawn corrugated sheet.

You slide this wooden beam through the curb from above, as shown in the photo below. Then you hold it in position with your hand through the recess. With your other hand you screw screws through the curb, corrugated iron finally in this wooden line. Never mount screws in the shallow wave, as the water runs through here. In addition, we recommend a screw in each high wave. Please note wooden rule and screws not included!



On the inside this looks like this:



On the outside, this looks like this:



Now screw back all surrounding screws.

For the follow-up installation, look at sloping roof instruction outside and any accessories.

Below are a few more photos as an example, situation may differ:



