BirdBlocker BB125 Clipped

Installation manual



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BEFORE YOU START

The efficiency of our solution depends on correct installation. Whether it comes to Bird Proofing solar panels or efficient cable management, our products are designed to raise the quality of professional installations.

1 BEFORE YOU ORDER

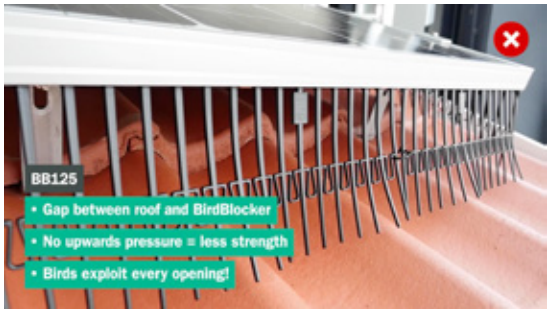
BirdBlocker products offer reliable protection against intrusive birds. To optimize this protection, it is instrumental to use the correct BirdBlocker length. As the design-differences are purpose-engineered for its application, it is important to measure prior to ordering BirdBlocker from the bottom of the panel-frame to the deepest part of the roofing material.

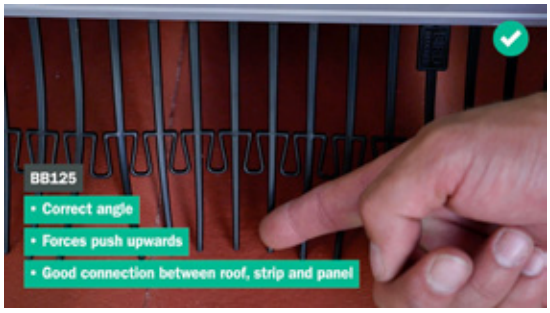
For optimal protection, the height spanning specifications are:

- BB85 - 45mm to 80mm
- BB125 - 80mm to 115mm
- BB200 - 115mm to 190mm

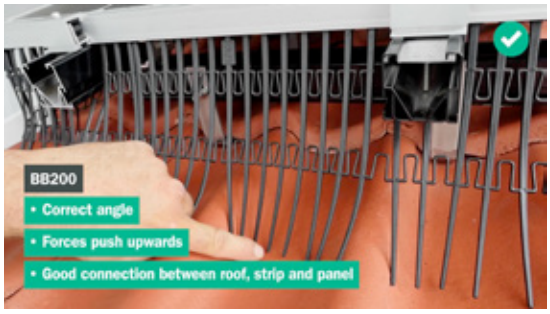
Important: Applying BirdBlocker that is either too long or too short, both compromises functionality of the system.

Tip: BirdBlocker is available as C-variety that has all clips for conventional frames pre-assembled. This is not only convenient but saves a lot of time and money on every job - with both traditional and box-design frames.









2 WHAT DO I NEED

In order to install BirdBlocker, you require:

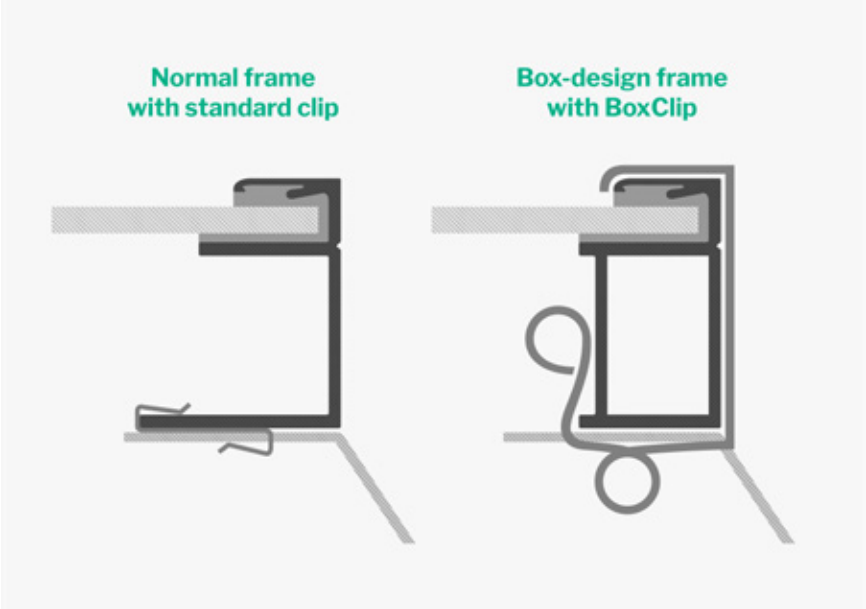
- Ruler or measuring tape
- The BirdBlocker tool
- A pair of rounded sheers - pruning sheers are recommended
- All necessary or mandatory safety precautions!

We have combined all the recommended tools in our Starterkit.



3 THE RIGHT CLIPS

BirdBlocker clips fit on the vast majority of all solar panels. In recent years, we have seen a steep increase in popularity of the box-design for the short sides of the panel. Contingent on the used panels, your installation could require box-design clips. BirdBlocker offers compatibility with all common solar panel frames on the market today. In order to ensure a quick and durable install, check your panel before ordering.



4 SAFETY DISCLAIMER

Please put your safety first! Make sure you posses the skills, experience, qualifications, and gear to complete this job safe and within the applicable regulations and legislation. The BirdBlocker system is easy to install, but the common field of application should not be underestimated. BirdBlocker is under no circumstances liable for the safety of its users, the installation quality or safeguarding the legal framework. We recommend using competent, qualified, and licensed installers for BirdBlocker installations.

BirdBlocker product warranty only relates to the product and the quality of the materials.

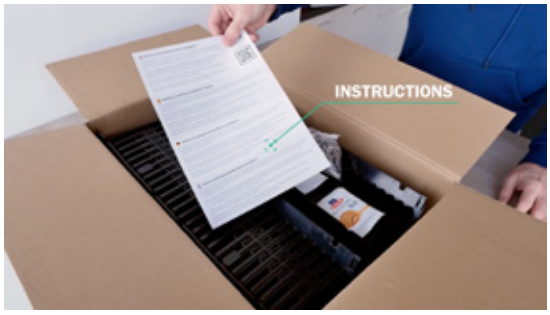
Please consult the general terms and conditions of your supplier for additional information.

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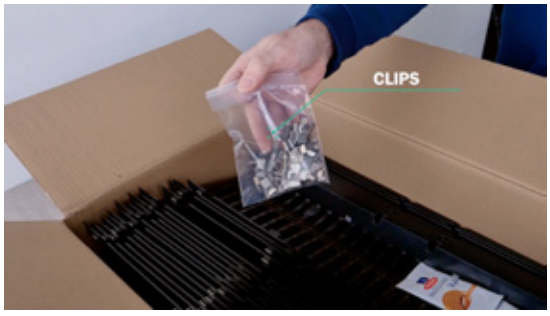
5 WHAT'S IN THE BOX

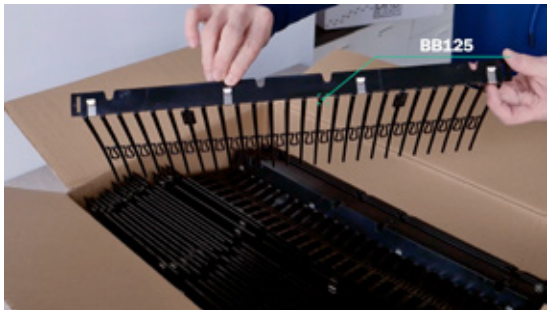
Every package of BirdBlocker contains:

- Instructions with QR code to the manuals
- 100 UV-proof Cable-Ties
- 250 clips for conventional panel frames
- BirdBlocker strips
  - **BB125-10:** 20 strips
  - **BB125-30:** 60 strips









6 STARTING THE INSTALLATION

When all the safety- and climbing gear has been taken care off, the BirdBlocker install is started in the far-corner from your access point. The installation of BirdBlocker moves from the starting point towards the point of access.





7 CUTTING INSIDE CORNERS

The quality of materials allows for uninterrupted cornering:

- Straight cut in the back segment of the strip
- Add an extra clip before and after the corner for extra stability

Tip: Because of the material, we strongly suggest using pruning shears like our ME-K-0900 or similar. The rounded edge cuts better, cleaner, and easier then straight tinsnips or cutters.

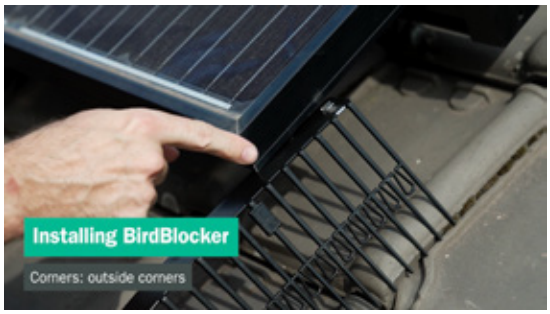


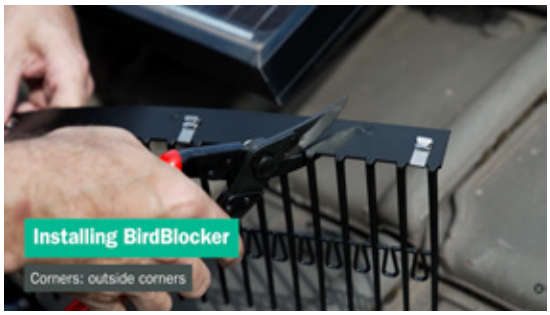


8 CUTTING OUTSIDE CORNERS

For outside corners:

- Miter cut the back segment of the strip
- Add an extra clip before and after the corner for extra stability





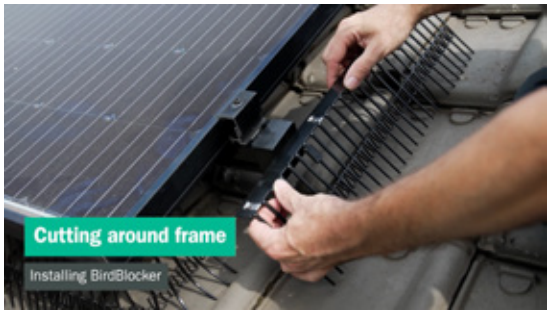




9 MOUNTING SYSTEMS

It is instrumental to create a continuous enclosure with BirdBlocker. Under the frame-ends of the mounting system, Birdblocker will provide a continuous protection:

- Cut the back segment of the BirdBlocker strip twice with two or three needles in between (depending of the width of the mounting frame)
- Horizontally cut the needles as tightly as possible around the mounting frame
- Add an additional clip for extra stability





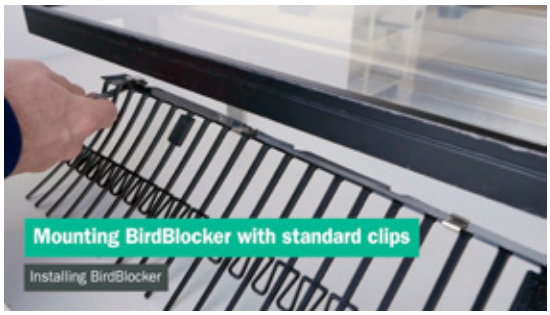


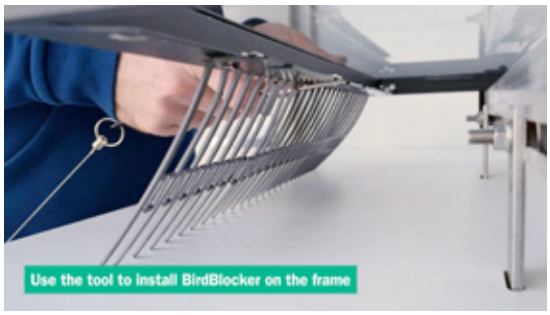


10 INSTALLING BIRDBLOCKER ON CONVENTIONAL FRAMES

- Place the BB-tool behind the clip and secure it with your finger so it doesn't move
- Keep the BirdBlocker parallel to the frame
- Move the strip under the solar panel until the clips hook behind the bottom edge of the frame
- Pull the strip all the way onto the aluminium lip
- Repeat for the next clip until the entire strip has gripped onto the bottom edge

Tip: BirdBlocker can be installed by hand - we strongly advice against it. The BB-tool prevents injuries, makes installation much quicker and because of the improvement in control provides more grip on the panel frame.





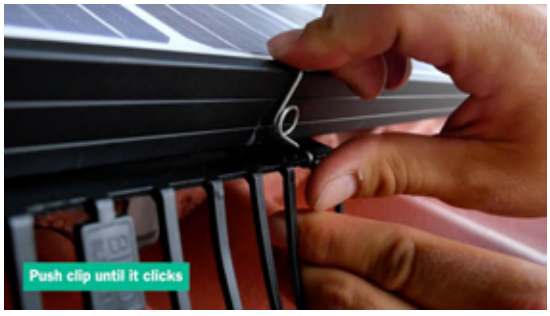
11 INSTALLING BIRDBLOCKER ON BOX-DESIGN FRAMES

If your frame (usually the 'short' sides) do not have a lip/flange on the bottom, you are working with a box-design frame. The Datasheet of your panels usually displays a cross section of your frame-design. For box-designs you require additional clips for the right height (usually 30mm or 35mm) and width (8-13mm or 14-18mm).

BoxClip 50s - 8-13mm

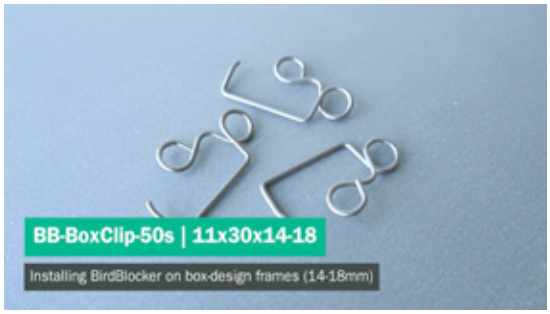






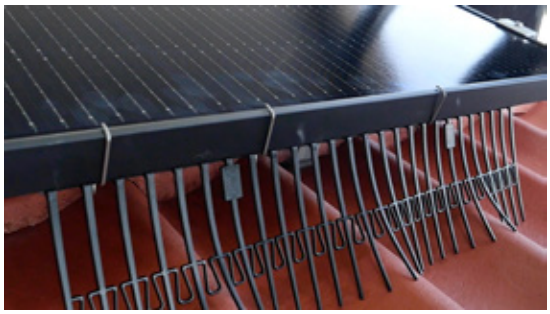


BoxClip 50s - 14-18mm





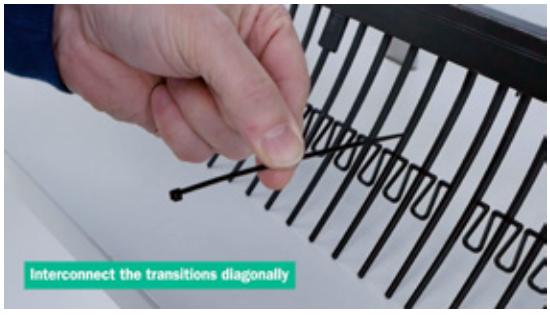




12 CONNECTING STRIPS

After the system is fully enclosed, the only opening remaining is between the needles between two strips:

- Diagonally install a cable-tie (one side over, one side under the bridge)
- Zip until it provides a sturdy connection between the bridges/strips
- Cut of excess length
- Rotate the closing mechanism to the back for a clean look









13 GENERAL CONSIDERATIONS

- Animal behaviour in one geographical region, does not represent their behaviour in others, in our experience.
- Every nook and cranny will be exploited. Birds can be crafty, tenacious and determined. Any opening in the bird proofing is an invitation for problems.
- BirdBlocker is not resistant to martens, rats, etc. It is however our experience that presence of birds/ eggs/ chicks can give them sufficient cause to be problematic. Bird proofing removes the incentive for vermin and helps keep your installation safe.

Check all our online manuals at www.birdblocker.com/manuals

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