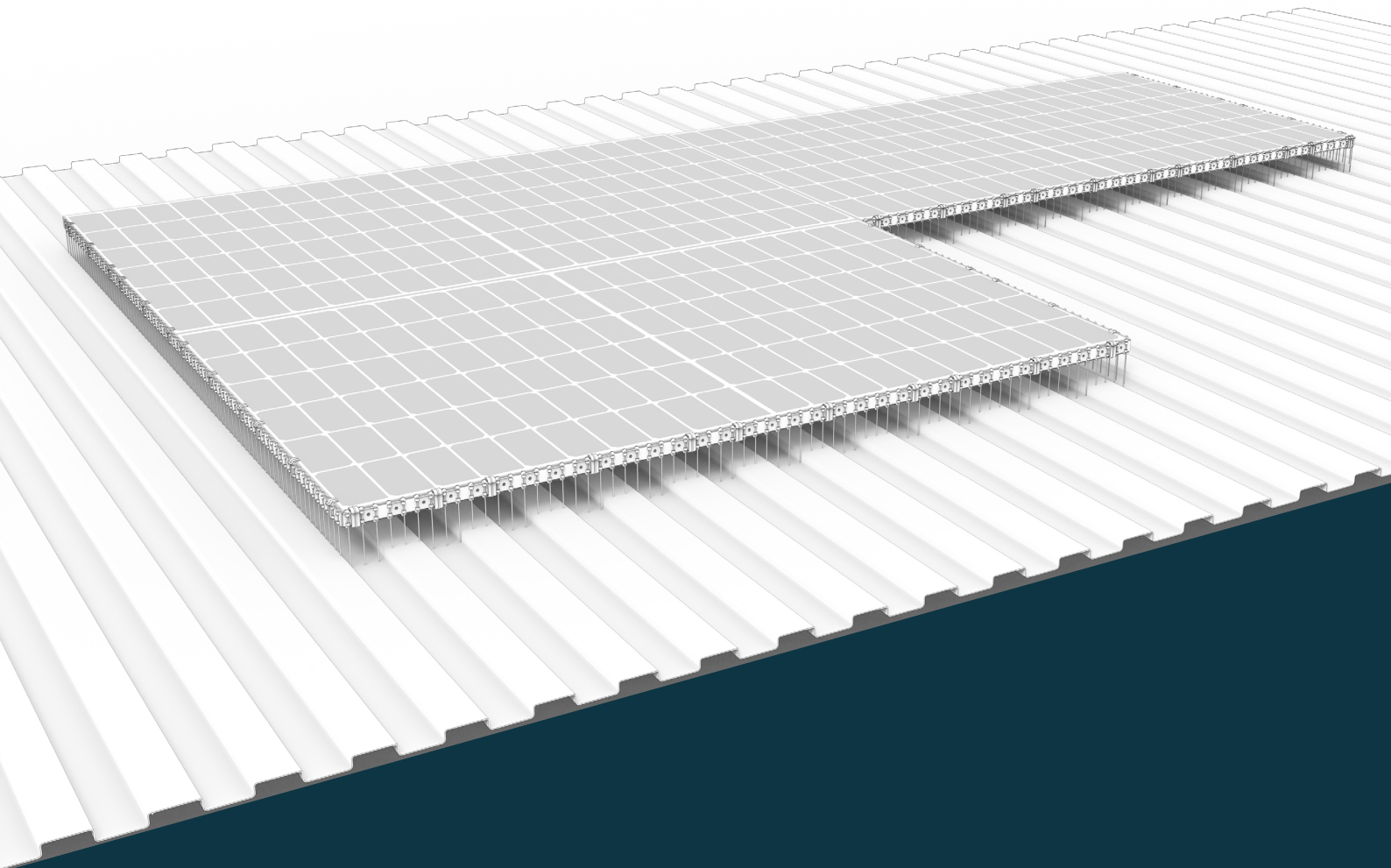




EnviroGuard



INSTALLATION INSTRUCTIONS

SOLARGUARD ADJUSTABLE SPIKE



Boundary Bank,
Boundary Bank Lane
Kendal LA9 5RR



0800 068 7279



enquiries@birdcontrol.uk.com



www.birdcontrol.uk.com

INSTALLATION INSTRUCTIONS

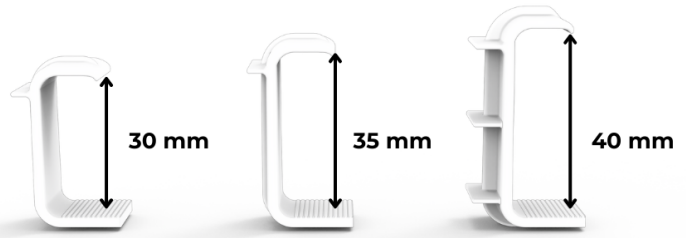
Welcome to the installation instructions of Enviroguards Solar Panel Adjustable Spike, used in conjunction with the Solar Speed Clips to effectively proof your solar array from pest birds.

This product acts as a physical barrier to prevent birds from accessing the underside of your solar panels and requires no drilling, safeguarding any manufacture warranty.

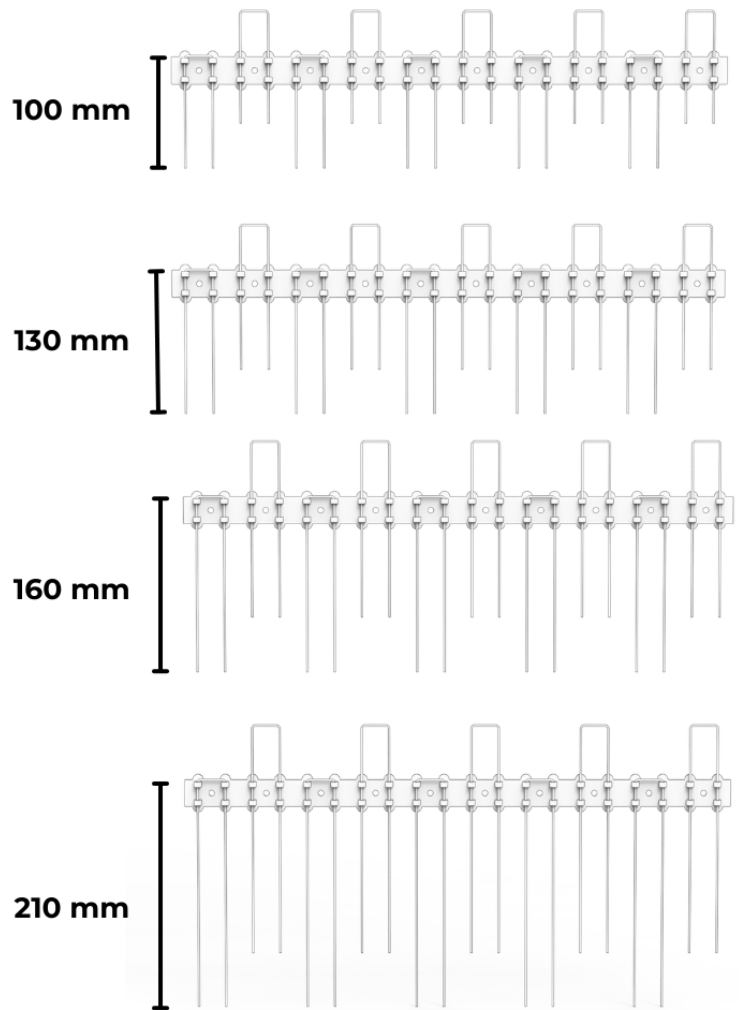
Designed for easy installation and maintenance, our adjustable spikes ensure the integrity and efficiency of your solar array while protecting it from potential damage and nuisance caused by nesting birds.

Follow these step-by-step instructions to properly install and secure your Solar Panel Adjustable Spike.

SOLAR SPEED CLIP



SOLARGUARD ADJUSTABLE SPIKE



Before purchasing your Solar Guard Adjustable Spike and Solar Speed Clips, there are a few steps to follow to ensure the correct sizes and quantities are purchased.

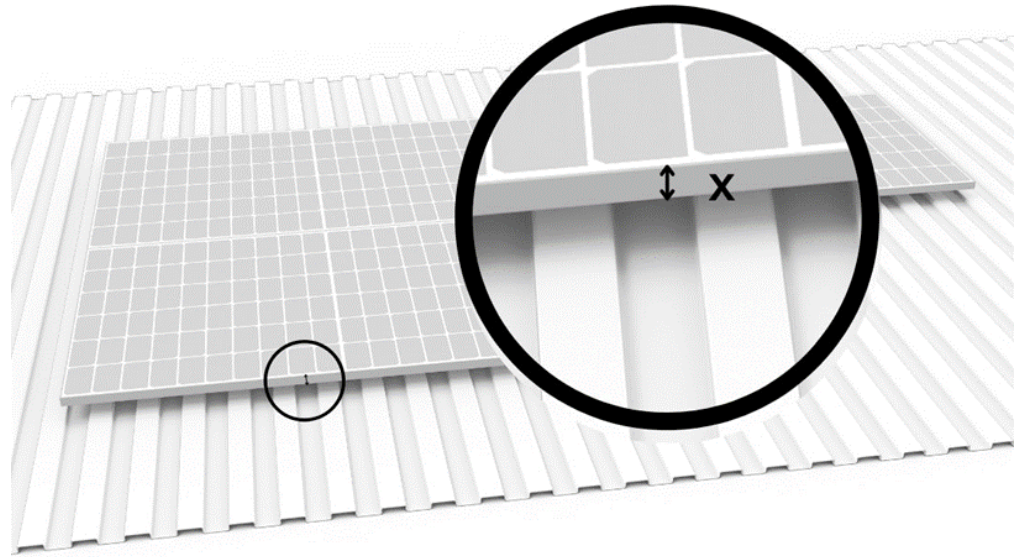
First, measure the depth of your solar panels. While most modern solar arrays are 30mm deep, we also offer 35mm and 40mm Speed Clips to accommodate less popular frame sizes.

Next, determine the distance from the top of your solar panel to your roof. Based on this measurement, select the appropriate spike length for your solar array: 100mm, 130mm, 160mm, or 210mm.

Finally, calculate the perimeter of your solar array so that the correct amount of Solar Guard Adjustable Spikes and quantity of Enviroguard's Speed Clips can be ordered. Solarguard Adjustable Spike is sold by the metre and supplied in 50cm lengths we recommend using six Speed Clips per meter (three Speed Clips per length).

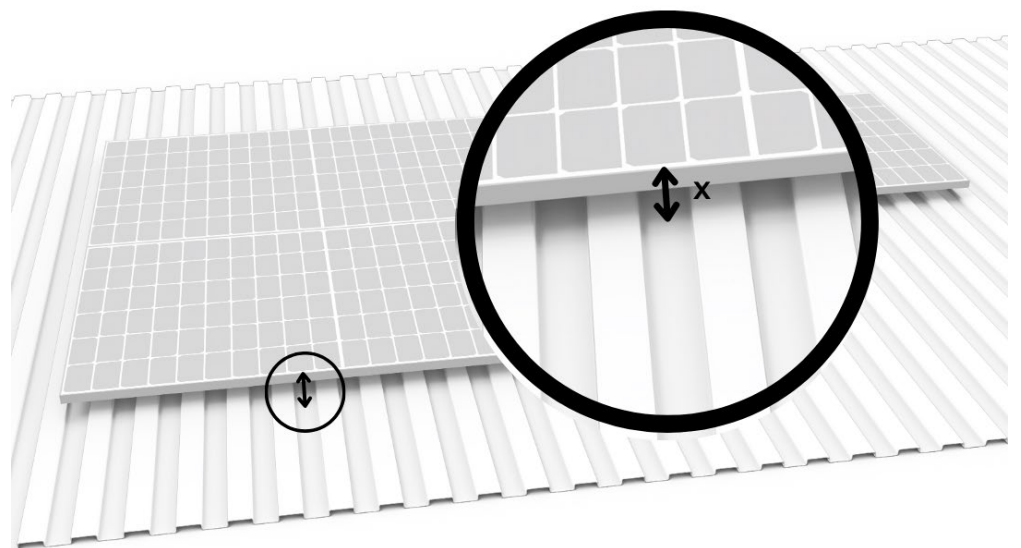
1

Measure the depth of your solar panels to determine if 30mm, 35mm or 40mm speed clips are required (X).



2

Measure the distance from the top of the solar panel to the roof to determine which of the following is most suitable: 100mm, 130mm, 160mm, or 210mm (X).



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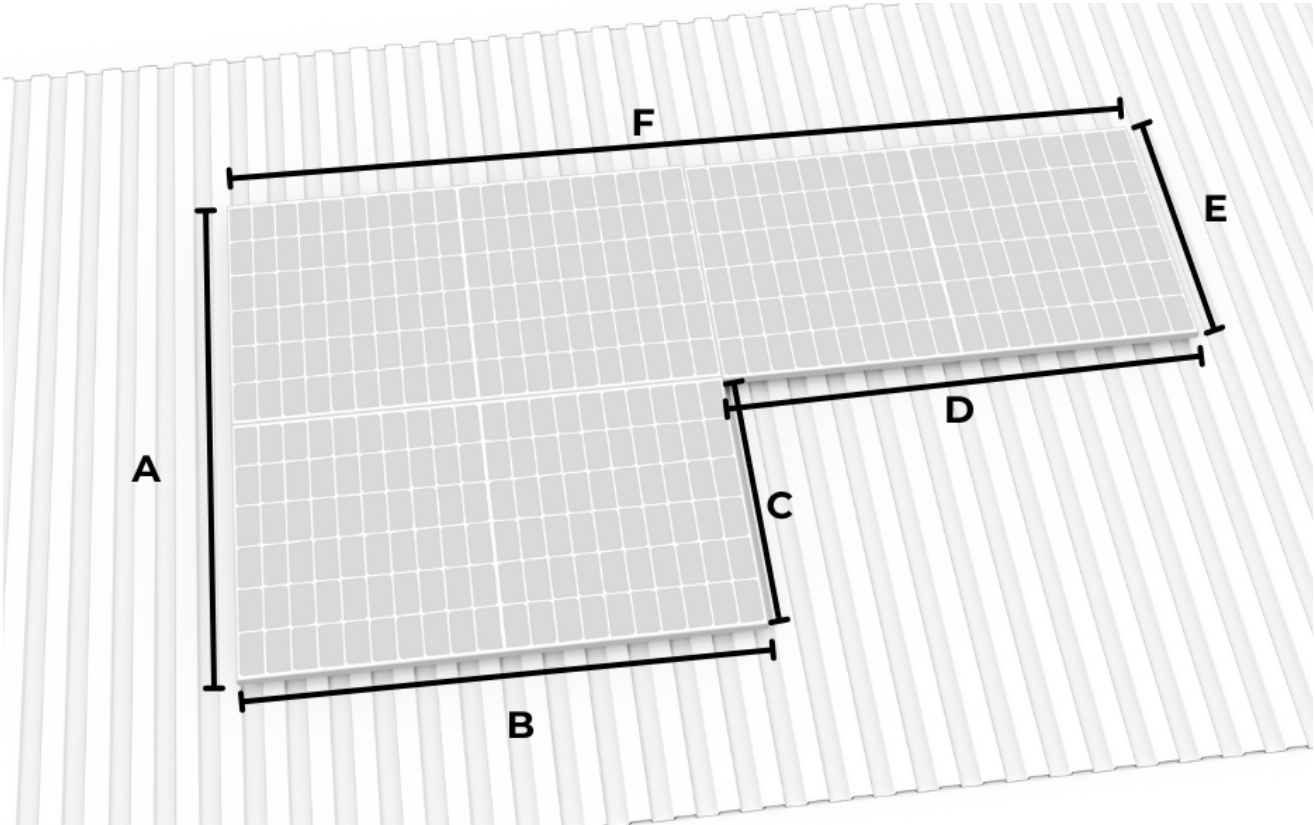
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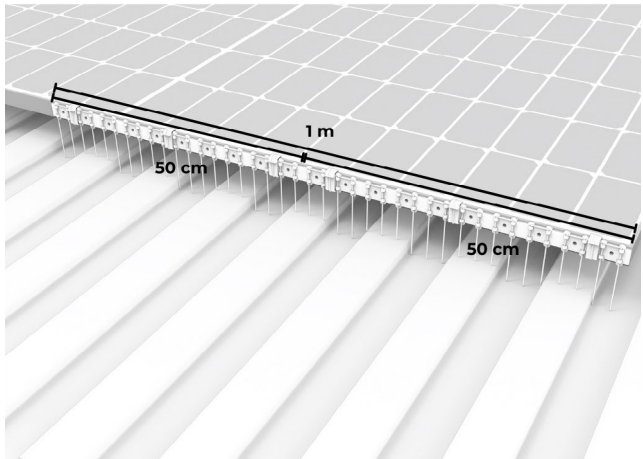
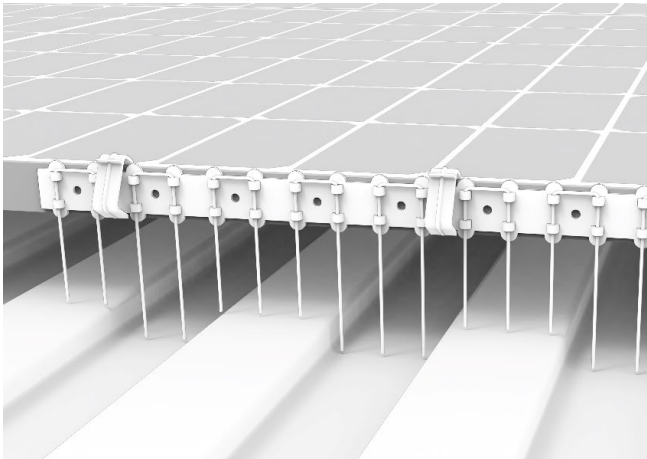
3

Calculate the perimeter of your solar array to determine how many meters of Solarguard Adjustable Spike and quantity of Solar Speed Clips are required.



4

Hold a length of Solarguard Adjustable spike against your panel and install speed clips as demonstrated in the reference images below (x3 per length, x6 per meter), simply pushing into place. The Adjustable spike pins can be cut prior to installation to suit any roof profile.



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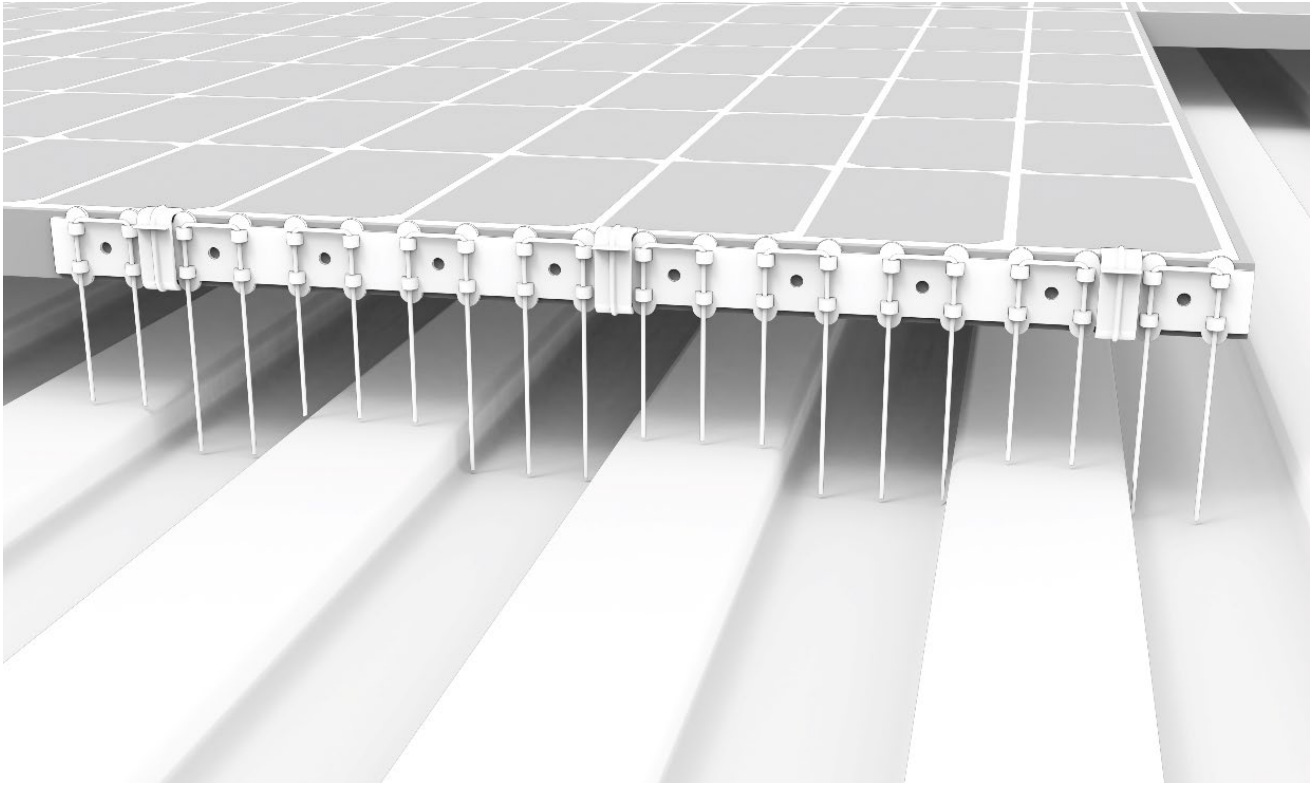
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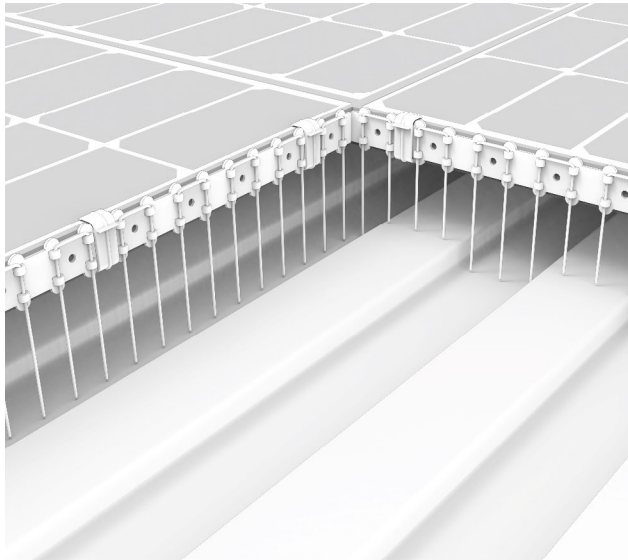
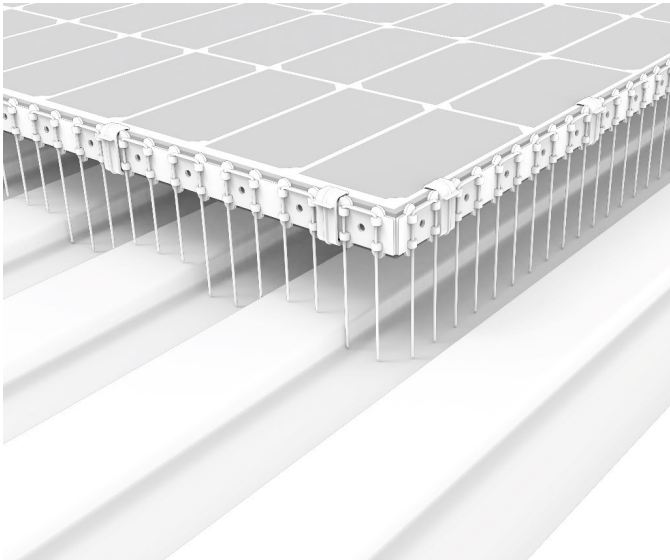
5

Once the Speed Clips have been fitted the Adjustable Spike is secured in place. The proofing system can be removed at any time for maintenance or access to your solar panels by simply reversing the installation process.



6

The Solarguard Adjustable Spike should be installed to both internal and external corners leaving no gaps. The UV stabilised polycarbonate base can be snapped by hand if you require less than a full length.



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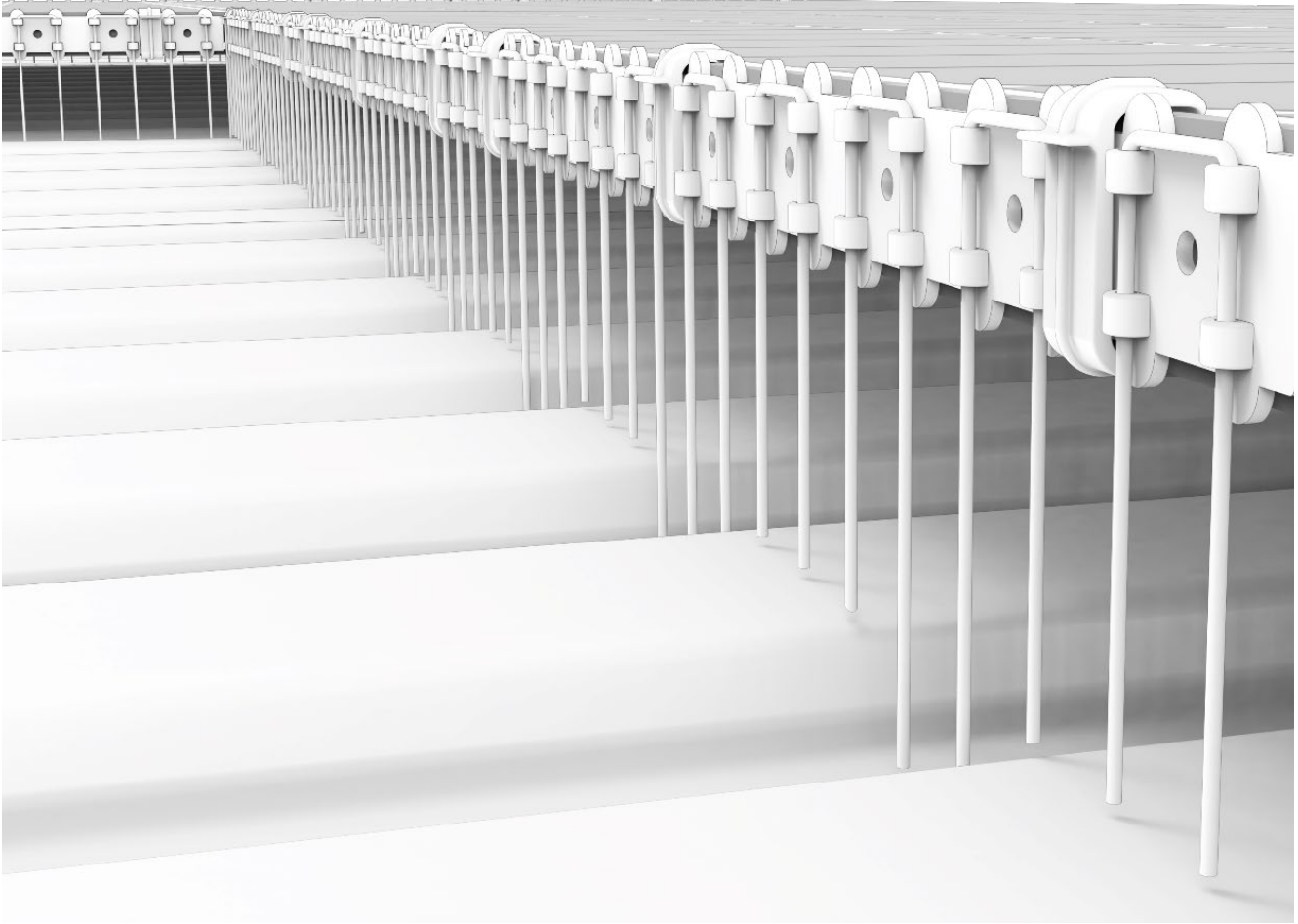
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7

Complete a final check that all components have correctly been installed. Your Solar array is now safe from bird ingress!




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