Solar Panel Guard Kit Specifications

Product Description

VEXO solar panel guard kits are designed to keep birds and other rodents from getting under solar panels, to protect the roof, electrical wiring and solar panels from damage. This system securely protects panels without damaging or voiding the panel warranty. The mesh is made of stainless steel welded into half inch squares and coated in thick protective PVC coating that is resistant to UV degradation and chemical corrosion. Bespoke panel clips are made from UV protected nylon.

Application

VEXO solar panel guard kits are suitable to fit around the perimeter of solar panels flush against the slope of roofs. The mesh grill acts as a physical barrier to prevent birds and other pests from entering under the panel. This system does not harm pests.

Support

VEXO products can be custom manufactured to suit unique projects.

Contact +61 7 3881 1693 for any assistance in solution evaluation and product recommendation. Free literature, catalogue and installation information is available.

Contact

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Part 1 **General**

1. Summary:

Install VEXO solar panel guard around the perimeter of installed solar panels. This creates a physical barrier to prevent birds and pests nesting under solar panels.

2. Quality assurance:

A. Standard: VEXO products are made in compliance with ISO9001. All mesh and components are thoroughly tested to ensure durability and longevity of use.

B. Installer Qualification: Obtain technical information from manufacturer and engage with certified installation companies who are fully skilled with VEXO products and carry proper insurance coverage.

3. Submittals:

Submit manufacturer's descriptive material including samples, literature, catalogues, product specifications and installation instructions.

4. Product handling:

VEXO solar panel guard kits come with gloves inside each pack for safe handling of materials. Cut mesh ends need to be handled with care to prevent sharps injury.

5. Warranty:

VEXO solar panel guard kits are warranted against defects in materials for 5 years. Warranty does not cover incorrect installation or mishandling of parts.

Part 2 **Product**

Material

Mesh

Material: 304 stainless steel
Length: 100 ft / 30 metre
Width: 8 " / 200 mm
Grid: ½ " squares
Wire Gauge: 0.7 mm
Black PVC coating to 1 mm diameter

Fastening Clip

Material: UV protected nylon
Length: 123 mm
Clip depth: 29 mm
Width: 10 mm

Mounting system

Any solar panel with a bracket depth of greater than 30mm.

Part 3 **Execution**

Examination:

Examine the installation area. Notify builder/ electrician of detrimental work conditions. Do not process until conditions are corrected. Measure and check the correct length of mesh required for the area.

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Surface preparation:

Installation: As per installation leaflet inside box. Roll out mesh along the panel then insert and hook fastening clips every 30 to 40 cm distance.

Apply locking discs to secure the mesh in place. Make relief cuts around bends and tighten any gaps with zips ties provided.

Inspection:

Visually inspect VEXO solar panel guard is tight against the panel and is not sticking above the panel casting shadows.

Maintenance:

VEXO solar panel kit once properly installed needs virtually no maintenance. Annual visual inspection can be done to ensure no debris are collected on the mesh.

MZ30









