

TEK-MESH™



TEK-MESH Installation Instructions

Shingle Roof

Installation:

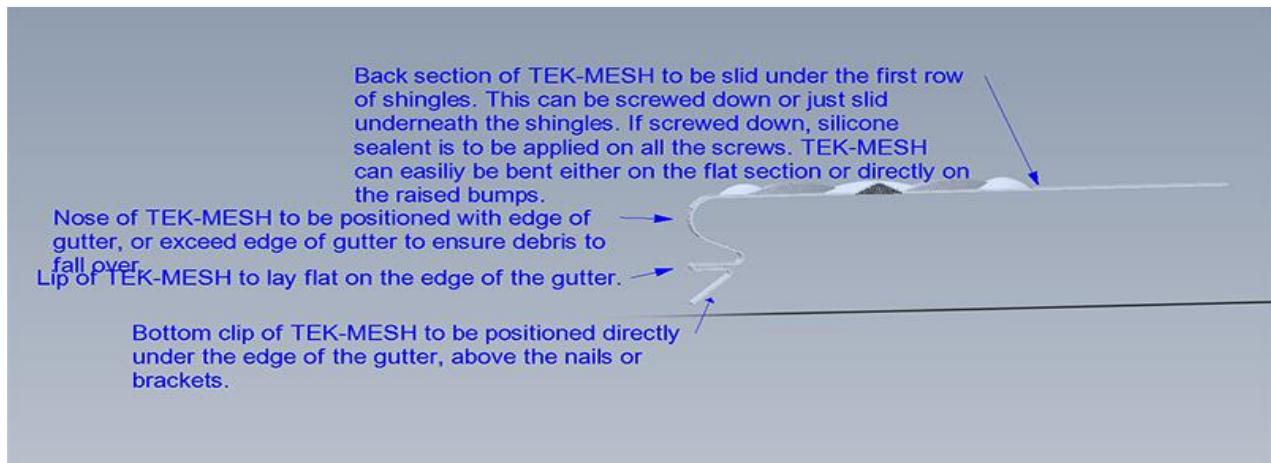
1. The rounded nose of the TEK-MESH should be installed to be in line with the edge of the gutter or exceed the edge.
2. The bottom flap needs to sit firmly around the edge of the gutter so that the TEK-MESH should sit tightly in place above the nails or brackets that are used to hold the gutter in place.
3. There is also an upper lip which should fit on top of the edge of the gutter. This upper lip of the TEK-MESH can be used as a potential slot where to install a heating cable should the client desire to heat the front part of the TEK-MESH.
4. The rear flat part of TEK-MESH is to be installed under the first row of shingles. It is recommended that it be screwed down with 1 ½" deck screws and silicone sealant be applied on the screws to seal the entry points and re-seal the shingles back down. The TEK-MESH micro-screen should be bent to give a slight angle toward the edge of the gutter thereby helping the snow to slide off during the winter and help debris to fall over the edge.



Comments:

The flat part of the TEK-MESH, or lip, is not to be screwed down, only the back side is to be screwed down once it is secured tightly in place. Optionally TEK-MESH can also be slid under the first double set of shingles without screwing it down. When installing each 5 ft. piece, there is a ½" overlap where ½ inch coated screws are used to screw the sheets together. After TEK-MESH is installed on the gutter, an end cap is to be installed (either a left cap or a right cap) to keep birds from entering by the sides. These end caps are to be trimmed with metal cutters and screwed down (with ½ inch screws) to the edge of the TEK-MESH micro-screen.

To see a video of TEK-MESH installed, please see our website www.tek-mesh.com



Metal corrugated roof

Installation:

The installation of TEK-MESH is the same as that of a shingle roof, except that you would slide the flat back side of the TEK-MESH under the metal corrugated roof.

Flat membrane roofs, gravel roofs, slate roofs, cedar shake roofs, aluminum shingle roofs, clay tile roofs, etc.

Installation:

Since these types of roofs are all fixed and TEK-MESH cannot be slid underneath, the type of installation required is called a "Fascia mount" installation. The front part of the TEK-MESH is installed as a conventional shingle roof installation, but the back flat side is to be cut off leaving a 1 inch flat piece which is to be bent upward. This flat piece is to be screwed into the fascia, or directly above the back of the gutter below the roof line with 1 ½ " screws. This way, the rainwater will fall directly onto the TEK-MESH through the micro-mesh holes, and into the gutter.