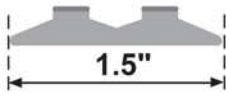




Shock Track Installation Recommendations

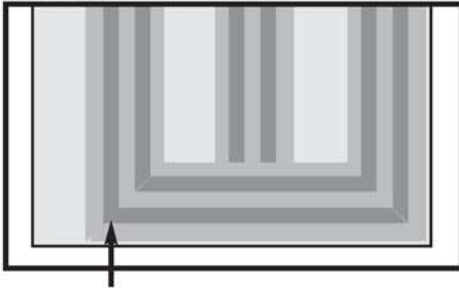


One-Sided Ledge (up to a wall)

For smaller birds multiple rows should be placed closer together; but for larger birds, more spacing is acceptable. These diagrams indicate the most extreme application for heavy pressure settings. If the pressure is lighter, you may be able to apply fewer rows, but you should always apply the row closest to the outer edge.

Large Birds: Crows, Grackles, Gulls, Pigeons
Small Birds: Sparrows, Starlings, Swallows

Top View

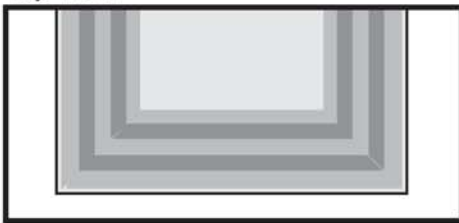


Run track along end of ledge as well

Two-Sided Ledge

One row down each edge will give the results needed. Only in extreme circumstances would a third row down the center of a ledge be necessary.

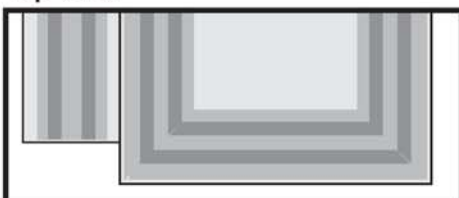
Top View



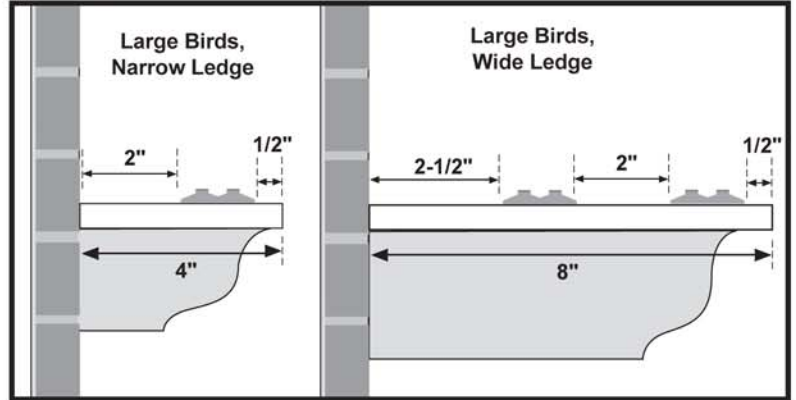
Signs and Letters

For larger birds one row on the outer edge is generally sufficient (except under very heavy pressure), but for small birds, the multiple rows are a must. On even wider signs, a third row may be necessary.

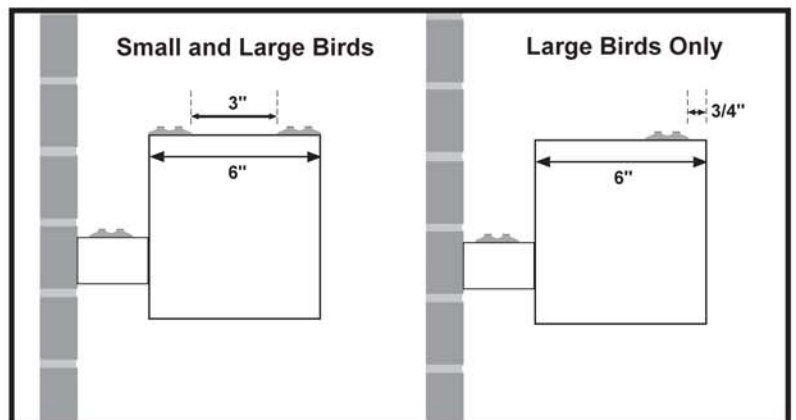
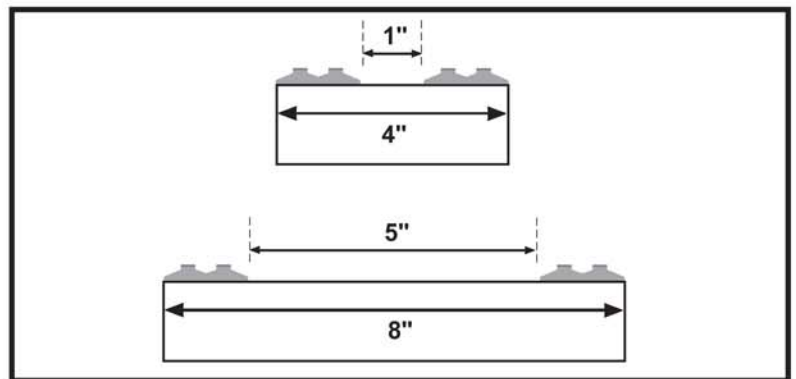
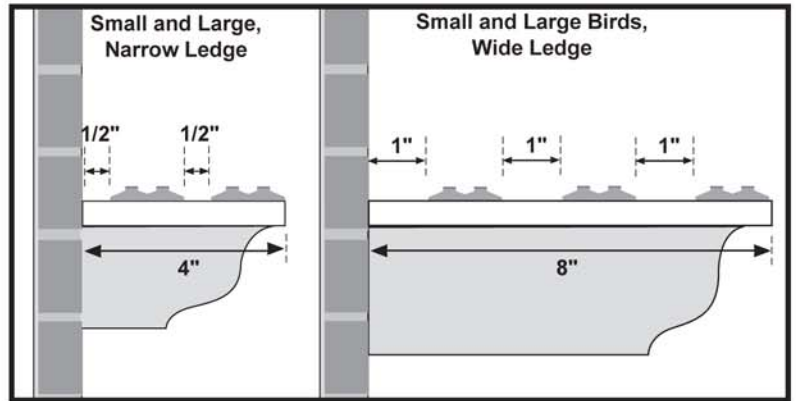
Top View



Dissected View



Dissected View





Shock Track Installation instructions

Please read these instructions thoroughly before attempting to install Bird-X Shock Track

Bird-X Bird Shock Track is a relatively simple product to install. You will benefit from some electrical knowledge, and the ability to adapt things to certain circumstances.

While the system has been well thought out, there may be situations where you need to improvise. Our Customer Service department can help you if you have problems, or need additional assistance.

Required Tools

Cut & Strip Tool for Lead Wire
Connector Crimp Tool
Track Cutter Tool or Strong Scissors
Bird-X adhesive and caulking gun
Utility knife or pocket knife
Tape measure
Pen or pencil



Step 1 - Choose the ideal position for the Charger Unit

Whenever possible, position the Charger Unit as near the starting point of the track system as possible.

Solar Chargers need to face due south to capture as much sunlight as possible. Plug-in Chargers (110v.) need to be installed out of the weather. Use a NEMA 3R rated box to protect the 110v unit when exterior placement is required. When installing the 110v unit, make sure it is plugged into an outlet that has been installed by a licensed electrician.

It is not necessary to install the charger unit close to the track; it's just more convenient that way. You can run lead-out wire from the unit to the track up to a total lead wire and track distance of 550 feet.



Step 2 – Clean the intended track location.

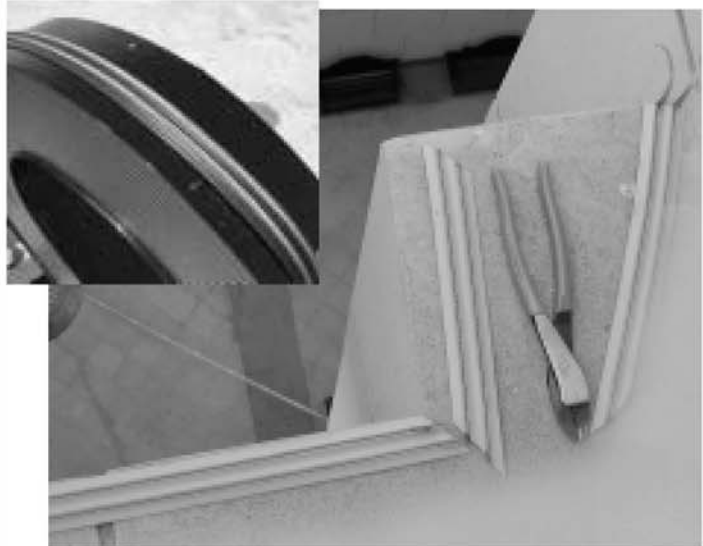
The track requires a clean surface for the bond to adhere to. Use Dissolve-it to break down droppings for easy cleanup...

If possible it is best to pressure wash the surface area. If applying to a painted surface, test a small area to be certain that the installation will not pull up the paint.



Step 3 - Layout the Shock Track and cut to fit

The Track is delivered in 50 foot rolls. The track should be placed in position very near to where it will be secured to the surface using bond. Shock Track will easily adapt to many surface imperfections and obstacles found on ledges and roof surfaces and is easily cut and joined to handle tight turns. Take the time now before getting out the bond to make your cuts and corners.

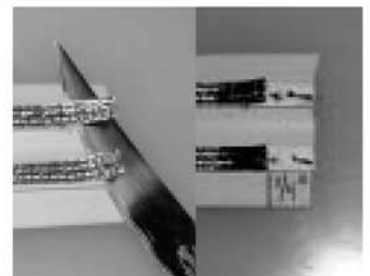


Step 4 – Attach Connectors to Track

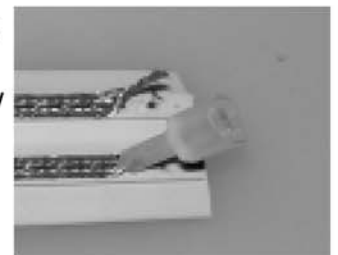
Use a knife to cut the stainless braid free from the track base.

Cut back under the braid about 1/2".

On one side of the track Trim off about 1/4" of the exposed braid to allow room for the connectors.



Twist the braid into a wire like form. Stand the braid up straight from the track to allow easy installation of the connector. Slide on the appropriate Male or Female connector for this splice.



Crimp across the barrel as shown, inline with connector.

When performing the crimp always use a Ratchet Crimp Tool to insure a complete and tight crimp.



Install and crimp the second connector.

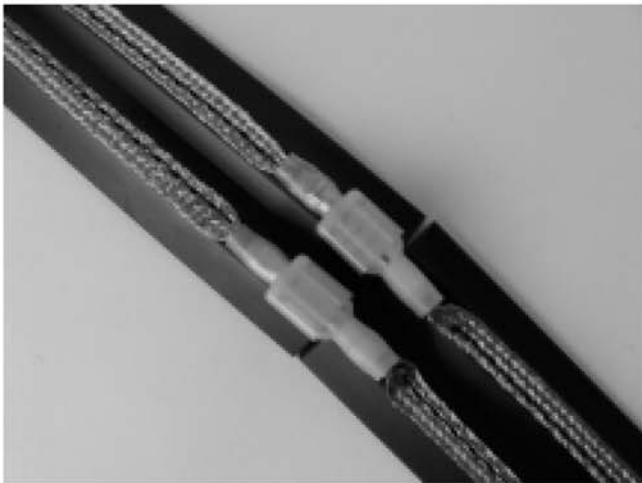
Step 5 – Bond the Shock Track to the structure

Apply Bird-X Special adhesive to the back of the Shock Track paying special attention to the track ends where the connectors are.



Step 6 – Snap together the connectors

Press fit together the connectors for tight fit. Be certain that the individual braid stays separated from each other. If necessary use some bond to hold the connectors in place.



Step 7 – Attaching Track to the Charger Unit

The Track and the Charger unit are connected using our copper dual lead wire. This special highly insulated wire is available separately in several in colors to match your needs. To connect the wire, simply strip the ends of the dual leads and connect the Ring connector to one end and the appropriate male or female connector to attach the wire to the Shock Track.

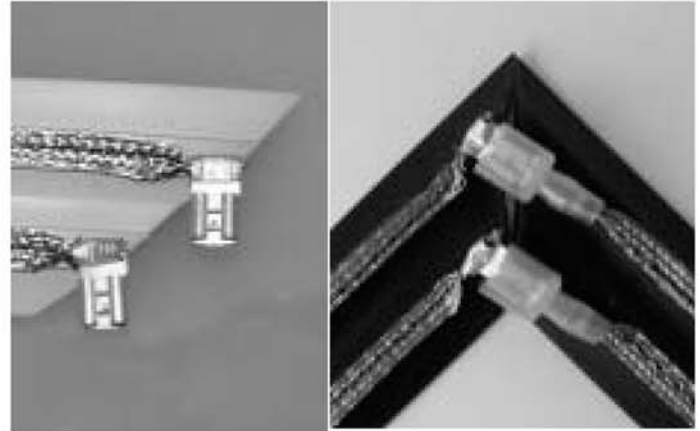


Special Connections – Corners

Shock Track can make gentle side to side curves to conform to building features, but it will need to be cut to handle abrupt corners.

Corner Connectors are supplied with each roll of Shock Track and additional connector packs are available for complex jobs.

A Flag Connector is used to make a tight turn in the braid for corners.



Use the **very tip** of the Ratchet Crimp Tool to crimp the Flag Connector.

This will insure a tight connection to the braid. This connection can be tricky so we suggest that you “Tug” on the end to insure that the Flag connector is secure.



Connections Supplied with each 50' Spool

Connection from Track to Charger Unit	(1 Set)
Straight Connections	(4 Sets)
Corner Connections	(4 Sets)

Additional connection kits available separately

Straight Connection Kit	50 Sets
Corner Connections Kit	50 Sets
“T” Junction Kit	25 Sets

The “T” Junction Kit has special connectors that support the ability to splice into an existing track and run in a different direction. Kit contains installation instructions.

