

Bird-Zap Shock Track Electric Bird Deterrent System

Nixalite[®] of America Inc

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Nixalite[®] Bird-Zap Shock Track System

MR-MANUFACTURER

Manufactured for Nixalite[®] of America Inc, Bird-Zap Shock Track System features an electrified track that can be installed on a variety of surfaces to repel all types of pest birds regardless of bird infestation levels. This flexible, UV stabilized, PVC track can be installed with either adhesive or mechanical fasteners to all types of surface contours and materials. Power is supplied by either plug-in AC, solar or battery powered line chargers. The line chargers energize the track with a high voltage, low amperage pulse of electricity that does not harm the birds, it simply conditions them not to return to that area.

PR-PRODUCT PRESENTATION

Bird-Zap Shock Track is an electrified bird deterrent system that is effective against all species of birds to deter them from loafing, roosting and nesting on all types of surfaces, at all infestation levels. Bird-Zap Shock Track is a system of individual components that when put together in the correct quantities, creates an effective and discreet bird deterrent on all types of installation surfaces.

When a bird lands or walks on the installed track, it receives a very brief shock that tells them that the Bird-Zap Track is not a welcome mat and should be avoided wherever it is installed. This negative reinforcement is what eventually changes the bird's behavior. Birds soon recognize and avoid Bird-Zap installations on sight. While the shock is memorable, it is still safe for birds, pets and people.

To complete the installation you should have a working knowledge of electrical connections, be able to perform simple mechanical procedures and be able to improvise and/or adapt the Bird-Zap Shock Track system (if needed) to meet the conditions of the installation.

The Bird-Zap Track is fastened to the surface with either adhesive or mechanical fasteners. Individual runs of track are connected together using crimp-style connectors or the new Smart Connectors. Bird-Zap Track is installed on the surface using the basic spacing requirements shown in the Installation Guide literature.

Track

Material: Ultra-violet stabilized flexible PVC, Stainless Steel Braid Strips and UV Resistant Bonded Polyester thread.
Width: 1.5" (3.7cm)
Height: 1/4" (0.6cm)
Length: 50 feet (15.2m)
Mounting: Mechanical or Glue

Charge units

Solar:

Material: Durable thermo Plastic
Width: 6" (14.6cm)
Height: 10" (23.2cm)
Depth: 5" (11.1cm)
Dimensions may vary slightly.
Mounting: Screw in place

UA-USES, APPLICATIONS

Bird-Zap Shock Track can be used to deter all types of birds from loafing, roosting and nesting on high pressure exposed ledges. The intermittent bursts of electric protects the ledge and conditions birds not to land in that area, causing the birds to take their business elsewhere. Bird-Zap Shock Track can be used in combination to cover any width ledge. The Bird-

Zap Shock Track system is not recommended to be installed in areas where children or unsuspecting workers can come into contact with the system. The Bird-Zap Shock Track system is easy to install, all you need is a little electrical knowhow. The track cannot be identified from the ground when installed on an overhead surface.

AI-ASSEMBLY, INSTALLATION

Finding a suitable location for the line charger is required before installing the track system. Whenever possible, position the charger unit as close to the starting point of the track as possible. While closer is better, the jumper wires that connect the charger to the track can be up to 500 feet long. Solar charger units must be positioned so they receive the most sunlight. It needs at least 2 hours of direct sun light every day. The plug-in-the-wall 110 vac chargers should be installed out of the weather or protected from the weather with a NEMA 3R rated utility box. If mounting the plug-in-the-wall charger outside, make sure to use/install a weatherproof outlet. After the tracks are installed, the jumper wire is used to connect the line charger to the track.

Bird-Zap Track is installed on ledges, sills, parapets and other surfaces with either adhesive or mechanical fasteners (Smart Connectors). For adhesive fastening, make sure to follow all surface preparation steps provided on the adhesive container. For mechanical fasteners, use the appropriate 'Smart Connectors' along with the type of mechanical fastener that best suits your surface. The 50 foot long rolls of track are connected end to end with either the supplied wire-crimp style connectors or the appropriate 'Smart Connector'.

MF-MATERIALS, FINISHES

Bird-Zap Shock Track track is made of ultra-violet stabilized PVC with two stainless steel braid-strips sewn to the PVC strip. The jumper wire is custom made and is the only wire that should be used for a Bird-Zap Shock Track installation due to the extra thick insulation. Line Chargers are made of durable poly outer shells.

TS-TECHNICAL SUPPORT

Nixalite's knowledgeable product representatives are available to assist you with your installation. Call 800-624-1189 for more information. Free literature, worksheets and installation information is available.

GENERAL

1.1 Description

1.1.1 Install Bird-Zap Shock Track on exposed ledges where birds land, loaf, roost or nest, to prevent damage from droppings.

1.2 Quality Assurance

1.2.1 Obtain technical literature from manufacturer or distributor, telephone consultation and plan/photograph evaluation.

1.2.2 Utilize a reputable contractor or installer that is fully skilled with Nixalite's bird control products.

1.2.3 Utilize labor recommended by Nixalite of America Inc for especially challenging applications.

1.3 Submittals

1.3.1 Submit manufacturer's catalog cuts, shop sketches and other descriptive material.

1.4 Product Handling

1.4.1 Protect Bird-Zap Shock Track from damage before, during and after installation.

1.4.2 If damage occurs to Bird-Zap Shock Track, make all replacements immediately.

PRODUCTS

2.1 Acceptable Source:

2.1.1 Nixalite of America Inc

1025 16th Avenue, East Moline, IL 61244

Ph 800-624-1189 or 309-755-8771

Fx: 800-624-1196 or 309-755-0077

2.2 Model Designation

2.2.1 Solar Charged Battery Powered chargers

2.2.2 110VAC powered chargers

2.2.3 12VDC battery powered chargers

2.2.3 Ultra-violet flexible PVC Track

2.2.4 Double Insulated Jumper Wire

2.2.5 Connection Accessories

2.2.6 Shock Track Installation Tools

MATERIAL

Solar Powered Charger Units – ALL UL® APPROVED

ST SC500

Power: Can power up to 500 feet of Bird-Zap Shock Track

Output: Low Impedance, 0.03 joule from 6v solar charged battery

ST SC1000

Power: Can power up to 1,000 feet of Bird-Zap Shock Track

Output: Ultra-Low Impedance, 0.15 joule from 12v solar charged battery

ST SC1500

Power: Can power up to 1,500 feet of Bird-Zap Shock Track

Output: Ultra-Low Impedance, 0.25 joule from 12v solar charged battery

110 VAC Plug-In Charger Units - ALL UL® APPROVED

ST AC500

Power: Can power up to 500 feet of Bird-Zap Shock Track

Output: Intermittent, Low Impedance, 0.10 joule from 110VAC

ST AC1500

Power: Can power up to 1,500 feet of Bird-Zap Shock Track

Output: Intermittent, Low Impedance, 0.30 joule from 110VAC

Battery Powered Charger Units - ALL UL® APPROVED

ST BC500

Power: Can power up to 500 feet of Bird-Zap Shock Track

Output: Low Impedance, 0.35 joule from 2 – D Cell Batteries or 12 VDC batteries

ST BC1500

Power: Can power up to 1,500 feet of Bird-Zap Shock Track

Output: Ultra-Low Impedance, 0.35 joule from Deep Cycle 12 VDC batteries

Bird-Zap Track

Material: Ultra-violet stabilized PVC, stainless steel braid-strips

Width: 1.5" (3.7cm)

Height: 1/4" (.6cm)

Length: 50 feet (15.24m)

Mounting: Glue or Mechanical Fasteners

Bird-Zap Jumper Wire

Material: Heavy insulated 14 double gauge copper (+) wire,

Width: 5/8" (1.6cm)

Height: 3/8" (.6cm)

Mounting Clip: Plastic wire loops

Length: 50 feet (15.24m)

2.3 Mounting Systems

2.3.1 Concrete, Steel and Stone: Adhesive or Mechanical Fastening with the appropriate hardware.

EXECUTION

3.1 Examination

3.1.1 Examine installation area. Notify architect of detrimental work conditions.

3.1.2 Do not proceed until conditions are corrected.

3.2 Surface Preparation

3.2.1 Ledges and mounting surfaces shall be cleaned with a combination of Nixalite's surface sanitizing and deodorizing products. Surfaces should then be clean, dry and free of peeling paint, rust, bird droppings or other debris. Bird droppings must be removed in a safe manner; large quantities should be removed and disposed of by reputable waste removal companies.

3.2.2 Remove or repair articles that may damage the Bird-Zap Shock Track system after installation, such as tree limbs, brush, and loose parts of the building.

3.3 Installation

3.3.1 Install the Bird-Zap Shock Track System as recommended in the installation instructions, which are supplied by the manufacturer.

3.3.2 Nixalite Bird-Zap Shock Track shall be installed straight, or shall follow the contours of the architecture perfectly. Installation of the tracks unevenly to the ledge will result in an unattractive and possible an ineffective installation. Refer to Nixalite Bird-Zap Shock Track installation literature for details.

3.4 Inspection

3.4.1 Visually inspect the Bird-Zap Shock Track for loose connections, debris or other problems related to poor installation or surface preparation.

3.4.2 Repair as necessary immediately.

OM-OPERATION, MAINTENANCE

Bird Zap Shock Track is an active bird deterrent system and will require regularly scheduled inspection and maintenance. If the Bird-Zap Shock Track is installed per specifications, the product should be trouble free. Occasionally, leaves may fall on the track or birds might drop debris on the track in an attempt to build a nest, a monthly service contract is recommended to remove any debris and check connection of system to prevent system from becoming inoperable. Do not operate the system in deep snow or if any part of the installation is under water.

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