

E-Spike™ All Stainless-Steel Economy Bird Spikes

Includes specifications for: E-Spike Full Row and Half Row Bird Spike Models.

Nixalite of America Inc designs and manufactures the **E-Spike All Stainless-Steel Economy Bird Spikes** in the USA with materials processed in the USA. These flexible bird spike strips deter pigeons and seagulls on all types of architectural surfaces. Not intended for larger or smaller bird species or for severe infestations of any bird. Effective installations help eliminate the high costs of cleaning and structural maintenance caused by pest birds and their unsanitary habits, while also protecting people from the health risks associated with bird waste.

There are two (2) separate E-Spike All Stainless-Steel Economy Bird Spike models; the **Full Row Model** and the **Half Row Model**. Each E-Spike model is designed to fulfill a specific bird control application. There are no approved equals and no substitutions are allowed.

List E-Spike All Stainless-Steel Economy Bird Spike 3-part specifications in the following locations;

Master Format 2004 – 10 81 00 - Pest Control Devices

Master Format 2004 – 10 81 13 – Bird Control Devices

PART 1 - GENERAL

1.1 - SYSTEM DESCRIPTION:

A. E-Spike All Stainless-Steel Economy Bird Spikes:

A physical bird spike deterrent designed to prevent pigeons and seagulls from landing on all types of architectural surfaces. There are two (2) E-Spike models available; **Full Row** and **Half Row**. Not intended for larger or smaller bird species or for severe infestations of any bird. E-Spike All Stainless-Steel Economy Bird Spikes have no equal. No substitutions allowed.

B. E-Spike Fastening:

E-Spike bird spike strips can be fastened to all types of installation surface materials with Nixalite's optional Bird Spike Mounting Hardware, glue clips and adhesive or just adhesive. All mounting hardware, tools and accessories are purchased separately.

C. Surface Cleaning System: disinfectants and deodorizers to neutralize potentially hazardous bird and/or animal wastes and prepare the surface for installation.

1.2 - QUALITY ASSURANCE

- A. Obtain all of the manufacturers planning guides, estimating worksheets and installation instructions for the E-Spike All Stainless-Steel Economy Bird Spikes. Installer to be completely familiar with the manufacturer supplied installation procedures for the E-Spike All Stainless-Steel Economy Bird Spike model or models.
- B. Installer must obtain and record accurate and complete dimensions for each surface specified for E-Spike All Stainless-Steel Economy Bird Spike installation. Surface dimensions are what drive E- Spike installation quantities.
- C. Specified bird spikes must be Made in the USA from materials processed in the USA. No substitutions allowed
- D. Contractor to provide the **Nixalite Certificate of Authenticity** issued by Nixalite of America Inc after ordering the E-Spike All Stainless-Steel Economy Bird Spikes. This provides information that will be required to receive project close out documentation.

1.3 - SUBMITTALS

- A. Manufacturers planning and estimating literature including for the E-Spike All Stainless-Steel Economy Bird Spike model or models.

- B. Sample of specified E-Spike Model - not less than 2" (5.1cm) in length.
- C. (If ColorCoat finish) Sample of E-Spike All Stainless-Steel Economy Bird Spike in the specified color.
- D. Nixalite E-Spike Full Row Model installation guidelines from manufacturer (if specified).
- E. Nixalite E-Spike Half Row Model installation guidelines from manufacturer (if specified).

1.4 – STORAGE & HANDLING

- A. Provide storage and/or protection to keep E-Spike All Stainless-Steel Economy Bird Spike shipping boxes dry, clean and undamaged.
- B. Keep E-Spike All Stainless-Steel Economy Bird Spike and optional hardware, tools and accessories in original packaging until needed for installation.

PART 2 - PRODUCTS

2.1 – ACCEPTABLE MANUFACTURER

- A. **Nixalite® of America Inc**
1025 16th Avenue, East Moline, Illinois 61244; U.S.A.
P: 309.755.8771 - E: planning@nixalite.com or sales@nixalite.com www.nixalite.com
- B. ABC Advanced Bird Control – A division of Nixalite® of America Inc.
PO Box 727, East Moline, Illinois 61244, U.S.A.
P: 309.755.4708 E: info@abcbirdcontrol.com www.abcbirdcontrol.com

2.2 – E-SPIKE ECONOMY BIRD SPIKE

- A. **ALL E-Spike Bird Spike Models:** are all stainless-steel wire and base strip spikes that are made in the USA from materials processed in the USA.
Wires: Stainless steel, 0.041" (1 mm) diameter, full-hard spring temper.
Base Strip: Stainless steel, 0.25" wide x 0.02" thick (6.3 mm x 0.5 mm), full anneal for flexibility, easy strip cutting and surface shape memory.
- B. **E-Spike Bird Spike Strip Lengths:** All E-Spike Models are available in 24" (61.0 cm) and 48" (122.0 cm) bird spike strip lengths.
- C. **Warranties:**
All E-Spike All Stainless-Steel Economy Bird Spike models have a 15-year limited product warranty.
- D. **E-Spike Full Row Model:** 4" high (10.2 cm), 6" wide (15.2 cm), No less than 48 wire points per foot. Full 180-degree wire coverage. For pigeons and seagulls on all types of surfaces. Not intended for larger or smaller bird species or for severe infestations of any bird.
- E. **E-Spike Half Row Model:** 4" high (10.2 cm), 3" wide (7.6 cm), No less than 24 wire points per foot, 90-degree wire coverage. For flat, single exposed surfaces less than 3" in depth (7.6 cm) or in conjunction with the E-Spike Full Row Model on specific surface widths to achieve proper surface coverage. For pigeons and seagulls. Not intended for larger or smaller bird species or for severe infestations of any bird.
- F. **E-Spike Soft Tip Option:** Available for Full Row and Half Row E-Spike Models. This option replaces the pointed wire tips with flattened wire tips. Use only where frequent human contact is possible (or expected) and where pigeon and seagull populations are at nuisance level.
- F. **Finish:** Natural stainless-steel finish or manufacturers ColorCoat finish.
- G. **ColorCoat:** standard colors are black, white, gray, tan, brown and bronze. Choose standard color that best suits application. Custom colors available. For custom color: installer must contact manufacturer for color matching procedures.

2.3 – NIXALITE BIRD SPIKE MOUNTING HARDWARE

- A. E-Spike All Stainless-Steel Economy Bird Spikes can be fastened with Nixalite's optional (sold separately) Bird Spike Mounting Hardware, Glue Clips and Adhesive or just adhesive.
- B. If using the Bird Spike Mounting Hardware choose the hardware assemblies that best suit your installation surface materials. All hardware is made of either stainless steel or non-corrosive materials.

Installation Surface	Nixalite Bird Spike Mounting Hardware
Masonry, stone, concrete;	Mounting clip, sheet metal screw, masonry anchor
Wood, plywood, shingles;	Mounting clip, sheet metal screw, washer
Sheet metal, plastic, PVC;	Mounting clip, sheet metal screw, washer
Steel, cast iron, brass, bronze;	Mounting clip, drive screw, washer
Pipes, cables, conduit, grates;	Wire tie, wire tying tool, adhesive

- C. **Apply adhesive or sealant in all holes that penetrate the installation surface.** After mounting hardware is installed, apply additional adhesive or sealant over the heads of the sheet metal screws and/or the drive screws. Do not get adhesive or sealant in the hook end of the mounting clips.
- D. **Glue Clips & Adhesive;**
If surface conditions do not allow for the use of the supplied Bird Spike Mounting Hardware, use the Glue Clip and Adhesive installation method. Follow the Glue Clip installation instructions available from the manufacturer.

2.4 – SURFACE SANITIZING AND DEODORIZING

- A. Nixalite of America Inc offers several different broad spectrum surface sanitizers and deodorizers to help protect your people from the hazards of pest bird waste. Contact Nixalite for recommendations on the proper sanitizing product for your application.
- B. **Safety Equipment:** Nixalite offers personal protection equipment (PPE) to protect personnel from the hazards related to pest bird and animal waste materials. Contact Nixalite for details.

PART 3 - EXECUTION

3.1 - INSPECTION

- A. Visually inspect all installation surfaces. Make sure all surfaces are clean, dry and free from debris or other conditions that could impede the workflow of this section. All surfaces must be sanitized and deodorized before E-Spike All Stainless-Steel Economy Bird Spike installation.
- B. Notify architect of detrimental conditions. Do not proceed until these conditions have been corrected.

3.2 - PREPARATION

- A. **Field Measurements:** Verify the dimensions for each surface specified for E-Spike All Stainless-Steel Economy Bird Spike installation. Use manufacturers Planning and Estimate guidelines to verify sufficient quantities of bird spike strips will be installed on each surface specified for bird control.
- B. Make sure all installation surface finishing requirements have been accomplished before installing E-Spike All Stainless-Steel Economy Bird Spikes. Bird spikes are to be the last items installed on each specified surface. Do not apply any surface coating or treatment (paint, sealer, etc.) over the installed spikes or mounting hardware.
- C. Remove or relocate all plants, foliage or foreign objects that overhang the installation surfaces. Note all conditions that could adversely affect the installation and performance of the E-Spike All Stainless-Steel Economy Bird Spike installation.

3.3 – SURFACE CLEANING

- A. All surfaces to be clean, dry and free of obstructions before the E-Spike All Stainless-Steel Economy Bird Spikes are installed.
- B. **If Bird Waste Is Present:**
Treat, neutralize and safely remove all bird waste from installation surfaces. Installer must follow all municipal, state and federal regulations regarding the proper removal and disposal of bird droppings and waste materials such as nests and dead birds.
- C. Use Nixalite's surface cleaning products to neutralize any bird droppings, nests and related waste materials that may be present. Strictly follow treatment instructions provided with Nixalite's surface cleaning products.
- D. Use Nixalite cleaning products to help prevent disease transmittal when working around surfaces contaminated with bird droppings.

3.4 - INSTALLATION

- A. Make sure the installation surfaces are clean, dry and free of any debris or obstructions.
- B. Install specified E-Spike All Stainless-Steel Economy Bird Spikes in strict accordance with manufacturer's estimating, spacing and installation guidelines. Protect all surfaces where pest birds can land, roost and nest.
- C. Install Nixalite's E-Spike bird spike strips so they will protect the entire surface, not just the outside edges. No gaps are allowed in the bird spike strip coverage. Cut the bird spike strips where necessary to fit the surface properly.
- D. Wires of E-Spike All Stainless-Steel Economy Bird Spike Models must overhang or be flush to the outside edges of each surface. The E-Spike base strip must extend over the ends of each surface by at least 1/2" (1.2 cm).
- E. Fasten E-Spike All Stainless-Steel Economy Bird Spike Models to the surface with the optional Nixalite Bird Spike mounting hardware as recommended by the manufacturer. Follow the hardware spacing guidelines and installation procedures supplied by manufacturer.

3.5 – ADJUSTMENTS / CLEANING

- A. Remove debris and waste materials from project site. Inspect finished installation. Make any adjustments needed to conform to Nixalite's spacing and installation guidelines.
- B. The E-Spike All Stainless-Steel Economy Bird Spikes are a physical and passive barrier. They rely on the system of pointed stainless steel wires to deter pest birds from getting to the surfaces on which they are installed. Periodic inspections are recommended to keep the bird spike strips in good condition.

3.6 – POST INSTALL

- A. Contractor to provide the **Nixalite Certificate of Authenticity** issued by Nixalite of America Inc after ordering the E-Spike All Stainless-Steel Economy Bird Spike Models. This provides information that will be required to receive project close out documentation.
- B. Contractor to provide any manufacturer post installation maintenance documentation for the E-Spike All Stainless-Steel Economy Bird Spikes.

Nixalite of America Inc, 1025 16th Ave., East Moline, IL. 61244

P: 309.755.8771 E: planning@nixalite.com www.nixalite.com

Copyright 2025 – Nixalite® of America Inc

Nixalite® is a registered trademark of Nixalite® of America Inc. Printed in the USA.