

# Pigeon Spike Composite Bird Spikes

Includes specifications for: Pigeon Spike Composite Bird Spike and Surface Cleaning Systems.

Nixalite of America offers the Pigeon Spike Composite Bird Spikes as a low cost deterrent for pigeons and seagulls. The spike uses an affordable combination (or composite) of flat tipped stainless steel wires and a UV stabilized Durolon™ polycarbonate base. Pigeon Spike Composite spikes are not intended to repel small birds or for use where there are heavy populations of any bird species. Effective bird spike installations help eliminate the costly cleaning and structural maintenance caused by pest birds. They help protect people from the health hazards associated with pest bird droppings.

Pigeon Spike Composite Bird Spikes can be installed on all types of surfaces to deter nuisance level roosting problems caused by pigeons and seagulls. The wide flexible polycarbonate base can be fastened to many different surfaces with the appropriate mechanical fastener or with a flexible UV resistant adhesive. The following specification outline is presented in a modular format making it simple to include or exclude any combination of the Pigeon Spike Composite bird spike system as needed for each project.

List Pigeon Spike Composite Bird Spike 3-part specifications in the following locations;

**Master Format 1995 – 10290 – Bird & Pest Control**

**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. Pigeon Spike Composite:

A physical bird spike deterrent designed to hinder pigeons and seagulls from landing on architectural surfaces. Do not use for small bird species or heavy infestations of any bird species. For complete surface control contact manufacturer for alternate barrier systems.

#### B. Fastening:

Pigeon Spike Composite bird spikes can be fastened to all types of installation surface materials with Nixalite's optional mechanical fasteners or adhesive. All mounting hardware and accessories are purchased separately.

#### C. Surface Cleaning System:

Surface disinfectants, deodorizers and personal protection equipment (PPE) that help keep installers safe when neutralizing the potentially hazardous bird or animal wastes that may be present. The cleaning system then sanitizes and deodorizes the surface in preparation of the bird spike installation.

### 1.2 - QUALITY ASSURANCE

- A. Installer to obtain, review and understand Nixalite of America Inc.'s planning guides, estimating worksheets and installation instructions.

- B.** Installer must be completely familiar with the proper installation procedures for the Pigeon Spike Composite bird spike.
- C.** Installer must be completely familiar with the specified mounting hardware and mounting hardware installation procedures.
- D.** Installer must obtain and record **accurate and complete dimensions for each surface** specified for Pigeon Spike Composite installation. Surface dimensions are what drive Pigeon Spike Composite totals. Accurate dimensions ensure accurate quotations and material orders.
- E.** Installed bird spikes must be Nixalite's Pigeon Spike Composite Bird Spikes.

### **1.3 - SUBMITTALS**

- A.** Pigeon Spike Composite bird spike estimating and installation guidelines.
- B.** Sample of Pigeon Spike Composite - not less than 2" (5.1 cm) in length.

### **1.4 – STORAGE & HANDLING**

- A.** Provide storage and/or protection to keep Pigeon Spike Composite shipping boxes dry, clean and undamaged. Do not stack or place other packaging or objects on the bird spike shipping boxes.
- B.** Keep Pigeon Spike Composite and optional mounting hardware in the original packaging until needed for installation.

## **PART 2 - PRODUCTS**

### **2.1 – ACCEPTABLE MANUFACTURER**

- A.** Nixalite of America Inc  
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 P: 800.624.1189 or 309.755.8771 - F: 800.624.1196 or 309.755.0077  
 E: [birdcontrol@nixalite.com](mailto:birdcontrol@nixalite.com) or [planning@nixalite.com](mailto:planning@nixalite.com)  
[www.nixalite.com](http://www.nixalite.com)
- B.** ABC Advanced Bird Control – A division of Nixalite of America Inc.  
 PO Box 727, Dept. NI, East Moline, Illinois 61244, U.S.A.  
 P: 888.212.8682 or 309.755.4708 - F: 309.755.1865  
 E: [info@abcbirdcontrol.com](mailto:info@abcbirdcontrol.com)  
[www.abcbirdcontrol.com](http://www.abcbirdcontrol.com)

### **2.2 –PIGEON SPIKE COMPOSITE Bird Spike**

- A. Wires:** Flat-tipped stainless steel wires.
- B. Base:** UV stabilized Durolon™ polycarbonate resin.

- C. **Strip Lengths:** Each strip is about 13” (33.3 cm) long.
- D. **Width & Height:** About 5” high (12.7 cm), 6” wide (15.2 cm).
- E. **Points per Inch:** No less than 20 flat-tipped wire points per piece.
- F. **Application:** Installed on all types of surfaces to deter nuisance level roosting problems caused by pigeons and seagulls. Not for the control of small birds or to deter heavy infestations of any bird species.
- G. **Finish:** Natural finish on stainless steel wire. Clear to opaque Durolon™ polycarbonate base.

## 2.3 –FASTENING

- A. Pigeon Spike Composite Bird Spikes can be be fastened with Nixalite’s optional (sold separately) mechanical mounting hardware (screws) or with the adhesive (sold separately). Make sure to cover heads of all mechanical fasteners with adhesive.

## 2.4 – SURFACE DISINFECTANTS

- A. **Steri-Fab:** Surface disinfectant and bactericide designed to neutralize bird waste, making it safe for removal. Steri-Fab quickly kills disease causing bacteria, parasites, fungi, insects, etc. This is a non-residual product. It becomes completely inert after it dries. **Do not use with Microcide-SQ on the same surface at the same time.**
- B. **Microcide-SQ:** A broad spectrum disinfectant, cleaner and deodorizer used to sanitize hard surfaces as well as fabrics and clothing. Use to kill a wide spectrum of organisms and disease causing bacteria. **Do not use with Steri-Fab on the same surface at the same time.**
- C. **Microsan:** Anti-microbial personal protection products to help prevent disease transmittal before, during and after working on and around surfaces contaminated with bird and animal wastes. Use to compliment personal protection equipment standards (PPE).
- D. **Safety Equipment:** Nixalite offers personal protection equipment (PPE) to protect personnel from the hazards related to pest bird and animal waste materials.

# 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.
- 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 Pigeon Spike Composite bird spike installation. Use manufacturers planning and estimating guides to verify that sufficient quantities of Pigeon Spike Composite bird spikes will be installed on EACH surface specified for bird control.
- B.** Make sure all installation surface finishing requirements have been accomplished before installing Pigeon Spike Composite. The spikes are to be the last items installed on each specified surface. DO NOT apply any surface coating or treatment (paint, stucco, etc.) over the installed Pigeon Spike Composite bird spikes or mounting systems.
- 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 Pigeon Spike Composite installation.

### 3.3 – SURFACE CLEANING

- A.** All surfaces to be clean, dry and free of obstructions before the Pigeon Spike Composite 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. Allow all surfaces to air dry completely, and then reapply to sanitize and deodorize the surface before proceeding. Strictly follow treatment instructions provided with Nixalite's surface cleaning products.
- D.** Use Nixalite anti-microbial and anti-bacterial personal protection products to help prevent disease transmittal when working around surfaces contaminated with bird droppings.

### 3.4 - INSTALLATION

- A.** Install Pigeon Spike Composite in accordance with manufacturer's estimating and installation guidelines. Protect all surfaces.
- B.** Protect the entire surface, not just the outside edges. Adjust length of spike base by snapping the composite base strip apart at the Quick Part Seams (notches on the base strip between the wires).
- C.** Wires of Pigeon Spike Composite to be flush with or overhanging the outside edge of all surfaces. At open end of a surface, overhang the first spike on the base at least 1/2" (1.2 cm). Use the alignment notch in the base strip to align the spikes that meet end-to-end.
- D.** Do not allow gaps between spikes that meet end-to-end. Do not allow gaps between the spikes and other objects such as walls or beams.
- E.** Fasten Pigeon Spike Composite to the surface with the optional mounting hardware or adhesive (purchased separately).
- F. Pigeon Spike Composite:** For pigeons and seagulls on all types of surfaces. Not recommended for other birds or for the prevention of heavy infestations of any bird.

### **3.5 – ADJUSTMENTS / CLEANING**

- A.** Remove debris and waste materials from project site. Inspect finished installation. Make any adjustments needed to conform to the Pigeon Spike Composite's spacing and installation guidelines.
- B.** Pigeon Spike Composite bird spikes are a physical and passive surface deterrent. The stainless steel wires deter pigeons and seagulls from landing on the surfaces on which they are installed. Periodic inspections are recommended to keep the bird spikes clean and free of any debris.
- C.** Occasionally, debris may fall onto the wires or birds may drop materials into the wires in an attempt to build a nest. If this happens, begin a monthly inspection of the system to remove any debris and to check the condition of the installed bird spike strips.

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