

Pigeon Spike Plastic Narrow Bird Spikes

Includes specs for: Pigeon Spike Plastic Narrow Bird Spike and Surface Cleaning Systems.

Nixalite of America offers the Pigeon Spike Plastic Narrow Bird Spikes as a low cost, short-term deterrent for nuisance level presence of pigeons and seagulls. The narrow spike uses an inexpensive UV stabilized Durolon™ polycarbonate construction. Pigeon Spike Plastic Narrow bird spikes are not intended to repel small birds nor are they for use in moderate to heavy pressures from any bird species. The narrow and 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 Plastic Narrow bird spike system as needed for each project.

List Pigeon Spike Plastic Narrow 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 Plastic Narrow:

A physical bird deterrent spike designed to deter pigeons and seagulls from landing on architectural surfaces. They are not intended to repel small birds nor are they for use in moderate to heavy pressures from any bird species. For complete and longer lasting surface control contact manufacturer for alternate barrier and deterrent systems.

B. Fastening:

Pigeon Spike Plastic Narrow 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 all Pigeon Spike Plastic Narrow bird spike planning guides and installation instructions.

B. Installer must be completely familiar with the proper installation procedures for the Pigeon Spike Plastic Narrow bird spikes.

- 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 Plastic Narrow bird spike installation. Surface dimensions are what drive all bird spike totals. Accurate dimensions ensure accurate quotations and material orders.
- E. Installed bird spikes to be the specified Pigeon Spike Plastic Narrow Bird Spikes.

1.3 - SUBMITTALS

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

1.4 – STORAGE & HANDLING

- A. Provide storage and/or protection to keep Pigeon Spike Plastic Narrow bird spike 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 Plastic Narrow bird spikes and optional mounting hardware in the original packaging until needed for installation.

PART 2 - PRODUCTS

2.1 – ACCEPTABLE MANUFACTURER

- A. Nixalite of America Inc
1025 16th Avenue, PO Box 727, Dept. NI, East Moline, Illinois 61244; U.S.A.
P: 800.624.1189 or 309.755.8771 - F: 800.624.1196 or 309.755.0077
E: birdcontrol@nixalite.com or planning@nixalite.com
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
www.abcbirdcontrol.com

2.2 –PIGEON SPIKE PLASTIC NARROW Bird Spikes

- A. **Wires:** UV stabilized Durolon™ polycarbonate resin.
- B. **Base:** UV stabilized Durolon™ polycarbonate resin.
- C. **Strip Lengths:** Each strip is about 13" (33.3 cm) long.
- D. **Width & Height:** About 4-1/2" high (12.7 cm), 2" wide (5.1 cm).

- E. **Points per Inch:** No less than 20 plastic points per piece.
- F. **Application:** A physical bird deterrent spike designed to deter pigeons and seagulls from landing on architectural surfaces. They are not intended to repel small birds nor are they for use in moderate to heavy pressures from any bird species. Each spike covers 2” of surface.
- G. **Finish:** Clear to opaque Durolon™ polycarbonate wires and base.

2.3 –FASTENING

- A. Pigeon Spike Plastic Narrow bird spikes can 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 Plastic Narrow bird spike installation. Use manufacturers planning and

estimating guides to verify that sufficient quantities of Pigeon Spike Plastic Narrow 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 Plastic Narrow. 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 Plastic Narrow 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 Plastic Narrow bird spike installation.

3.3 – SURFACE CLEANING

- A.** All surfaces to be clean, dry and free of obstructions before the Pigeon Spike Plastic Narrow 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 Plastic Narrow 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 plastic base strip apart at the Quick Part Seams (notches on the base strip between the wires).
- C.** Wires of Pigeon Spike Plastic Narrow 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 Plastic Narrow bird spikes to the surface with the optional mounting hardware or adhesive (purchased separately).
- F. Pigeon Spike Plastic Narrow bird spikes:** A physical bird deterrent spike designed to deter pigeons and seagulls from landing on architectural surfaces. They are not intended to repel small birds nor are they for use in moderate to heavy pressures

from any bird species. For complete and longer lasting surface control contact manufacturer for alternate barrier and deterrent systems.

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 Plastic Narrow bird spikes spacing and installation guidelines.
- B.** Pigeon Spike Plastic Narrow bird spikes are a physical and passive surface deterrent. The plastic points help deter nuisance levels of 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.
- D.** Due to the plastic construction of the Pigeon Spike Plastic Narrow bird spikes, the sun (ultraviolet radiation) can deteriorate the spikes over time. Periodic inspection can determine if the spikes have become brittle and need to be replaced. For long lasting control with all stainless steel spikes, contact the manufacturer for recommendations.

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