

# Bird Screen Welded Wire Mesh Barriers

**Includes specifications for Galvanized and Stainless-Steel Wire Mesh Barriers.**

Nixalite offers full rolls of both stainless steel and galvanized Bird Screen Welded Wire Mesh Barriers. Ideal for keeping out nuisance animals, rodents and birds, the welded wire mesh barriers can be cut to fit, molded into shapes and installed over, under or around all types of objects, gaps, openings and more. Bird Screen Welded Wire Mesh Barriers have unlimited uses and applications.

For bird and wildlife control, list Nixalite's Bird Screen Welded Wire Mesh Barriers 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. Bird Screen Welded Wire Mesh Barriers** have applications in architecture, grounds and facilities maintenance and security enhancements. This specification details its use for pest bird and nuisance animal barriers, closures and exclusion. Nixalite offers both Galvanized and Stainless-Steel Bird Screen Welded Wire Mesh Barriers.
- B. Mounting Hardware** –Nixalite offers stainless steel and/or weather resistant hardware for fastening the Bird Screen Welded Wire Mesh Barriers to all types of surfaces
- 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.** Installer must obtain, review and understand all literature and mechanical specifications on the Bird Screen Welded Wire Mesh Barriers.
- B.** Installer must be completely familiar with the proper installation procedures for the Bird Screen Welded Wire Mesh Barriers.

### 1.3 - SUBMITTALS

- A.** Nixalite literature on the specified grade of Bird Screen Welded Wire Mesh Barrier, the recommended fasteners and the specified Surface Cleaning System.

### 1.4 – STORAGE & HANDLING

- A.** Provide storage to keep all rolls of Welded Wire Mesh Barrier dry, clean and undamaged. Do not stack other packaging or objects on the rolls.
- B.** Keep in the original packaging or on shipping pallet 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](mailto:planning@nixalite.com) or [sales@nixalite.com](mailto:sales@nixalite.com) [www.nixalite.com](http://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](mailto:info@abcbirdcontrol.com) [www.abcbirdcontrol.com](http://www.abcbirdcontrol.com)

### 2.2 – BIRD SCREEN WELDED WIRE MESH BARRIERS

**A. Galvanized Bird Screen Welded Wire Mesh Barrier:**

Wire: 0.041" (19 ga.) (1.04 mm) diameter steel wire

Process: Welded and hot dip galvanized

Mesh size: ½" (12.7mm) square mesh

Roll sizes: 4 feet wide X 100 feet long (1.22 m X 30.48 m) – 400 sq. feet (37 sq. m.)

Roll Weight: 63 pounds (28.5 kg)

Warranty: Nixalite of America Inc does not offer any warranty on this item.

**B. Stainless Steel Bird Screen Welded Wire Mesh Barrier:**

Wire: 0.047" (18 ga.) (1.19mm) diameter 304 stainless steel wire

Process: Welded rigid wire process

Mesh size: ½" (12.7mm) square mesh

Roll size: 4ft wide x 100ft long (1.22m x 30.48m) – 400 sq ft (37 sq m)

Weight: 100 lbs. per roll (59 kg)

Warranty: Nixalite of America Inc does not offer any warranty on this item

## **2.3 WIRE MESH MOUNTING HARDWARE**

- A.** Installer to contact manufacturer for information and recommendations for hardware applications. Use the hardware system recommended by the manufacturer.

**B. Premium Nixalite Mounting Hardware:**

All stainless-steel mounting hardware including mounting clips, sheet metal screws, masonry anchors, drive screws and ductile stainless wire ties.

- C. E-Z Clips:** All stainless-steel U-shaped brackets with mounting holes. Accepts Premium Nixalite sheet metal screw and drive screw. Fits over the edges of the Bird Screen Welded Wire Mesh Barriers.

- D. Additional Installation Methods:** Due to the wire mesh versatility, there are many possible methods for fastening. Contact manufacturer for details

## **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 the surfaces that will receive the Bird Screen Welded Wire Mesh Barriers, the mounting hardware and all areas that will end up behind or inside the barrier installation. Note damaged surfaces or incomplete construction that could compromise the integrity of the barrier installation.
- B.** Note all areas, surfaces or objects that may require maintenance or periodic replacement after the Bird Screen Welded Wire Mesh Barrier is installed (i.e. lights, electrical equipment, etc.). Use the appropriate fastening system to allow access behind the installation.
- C.** Note any objects or conditions that could damage the Bird Screen Welded Wire Mesh Barrier. Install the mesh in a manner as to avoid these conditions.

## **3.2 - PREPARATION**

- A. Field Measurements:** Verify dimensions of the areas to be enclosed. Make sure you have enough Bird Screen Welded Wire Mesh Barrier, installation hardware and surface cleaning products to properly complete the installation.

### 3.3 – SURFACE CLEANING

- A. All surfaces to be clean, dry and free of obstructions before the Bird Screen Welded Wire Mesh is 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 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 the Bird Screen Welded Wire Mesh Barrier as recommended by manufacturer.
- B. If necessary, cut the Bird Screen Welded Wire Mesh Barrier to fit the area. For fast cutting use rotary cutting tool along with the appropriate PPE. For precision cutting, use hand operated shears made for heavy gage metal.
- C. **Premium Nixalite Mounting Hardware.** Snap stainless steel mounting clips onto top and bottom edges of wire mesh at 12-inch (30.54 cm) center to center. Use the Nixalite fastener best suited to the installation surface.
- D. **E-Z Clip Mounting.** Place Nixalite's E-Z clips over the outside edges of the wire mesh at 12-inch (30.54 cm) center to center intervals. Secure each E-Z clip in place with the fastener best suited to the installation surface.
- E. If you join separate pieces of mesh together end to end, overlap by at least 2 mesh mesh and secure with the appropriate wire tie or fastener.
- F. Install Bird Screen Welded Wire Mesh Barriers to avoid contact with machinery, vehicles, etc. Make necessary adjustments to keep the installation a sufficient distance from these objects or conditions.
- G. Finished Welded Wire Mesh Barrier installation to be clean, straight and gap-free.

### 3.5 – ADJUSTMENTS / CLEANING

- A. Remove debris and waste from project site. Inspect finished installation. Make any adjustments needed to conform to specifications.
- B. Bird Screen Welded Wire Mesh Barriers are a physical and passive barrier. It relies on optimal placement and proper installation. Each installation of mesh barrier must block off or seal up all routes and paths that pest birds follow to their preferred roosts. Periodic inspections are recommended to make sure the wire mesh stays in good condition.
- C. Note any holes, gaps or openings in the bird net installation that birds can use to bypass or get around the netting barrier. Correct these conditions immediately.

**Nixalite of America Inc, 1025 16<sup>th</sup> Ave., East Moline, IL. 61244**

P: 309.755.8771 E: [planning@nixalite.com](mailto:planning@nixalite.com) [www.nixalite.com](http://www.nixalite.com)

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