



**Division 10 Bird Control Devices**

**CSI Division 10290/10296, 10 81 13**

## **SECTION 1 PRODUCT DESCRIPTION**

### **1.1 SUMMARY PRODUCT DESCRIPTION**

- A. Install AviAngle™ to prevent pest birds from landing, perching or roosting wherever the AviAngle™ is installed. The combination of the smooth Rigid PVC surface and the angle of the AviAngle™ prevents birds and wildlife being able to get a stable foothold on the base of the ledges. AviAngle™ is safe, non-toxic, non-harmful, humane and eco-friendly.

### **1.2 QUALITY ASSURANCE**

- A. Obtain all technical information, consultative services, products, and accessories from a single source manufacturer.
- B. Utilize Bird-X Preferred Installers in your area to ensure experience, knowledge of the products, certification, and insurance coverage.
- C. Products must be manufactured in the United States of America.

### **1.3 SUBMITTALS**

- A. Submit manufacturer's descriptive material including samples, literature, catalogs, product specifications, and installation instructions.
- B. Provide warranty on products and installation.
- C. Provide proof of professional installation certification and insurance.

### **1.4 PRODUCT HANDLING**

- A. Protect AviAngle™ from damage before, during and after installation.
- B. If damage occurs to AviAngle™ at any time, replace the product as soon as possible.

### **1.5 WARRANTY**

- A. AviAngle™ Products are warrantied against U.V. breakdown for two (2) years.

### **1.6 DISTRIBUTION**

- A. Bird-X, Inc. 300 N Oakley Blvd. Chicago, IL 60612 Phone: 800.662.5021 or 312.226.2473 Fax: 312.226.2480 Email: solutions@bird-x.com [www.bird-x.com](http://www.bird-x.com)

## **SECTION 2 PRODUCT INFORMATION**

### **2.1 MANUFACTURER**

- A. Bird-X, Inc. 300 N Oakley Blvd. Chicago, IL 60612 Phone: 800.662.5021 or 312.226.2473 Fax: 312.226.2480 Email: solutions@bird-x.com [www.bird-x.com](http://www.bird-x.com)

### **2.2 PRODUCT MODEL DESIGNATION**

- A. AVIANGLE™ BASE UNIT
  - a. AviAngle™ Base Unit will cover approximately 6" of ledge depth.
  - b. AviAngle™ Base Unit comes in four (4') linear foot sections.
  - c. AviAngle™ Base Unit is packaged in twelve (12) four (4') sections for a total of forty-eight (48') linear feet per box.
  - d. AviAngle™ Base Unit comes in gray and can be painted to color match.

- B. AviAngle™ MID-EXTENDER
  - a. AviAngle™ Mid-Extender adds approximately 3.5" to the AviAngle™ Base Unit.
- C. AviAngle™ TOP-EXTENDER
  - a. AviAngle™ Top-Extender adds approximately 2" to either the AviAngle™ Base Unit or the AviAngle™ Base Unit combined with Mid-Extender.
- D. AVIANGLE™ UNIVERSAL JOINDER CLIP
  - a. When multiple sections of AviAngle™ need to be joined together, the installer will use a Joinder Clip to join the two sections of AviAngle™ together.
- E. AVIANGLE™ UNIVERSAL END CAP CLIP
  - a. End Cap Clip attaches to the side of the AviAngle™ Base Unit to allow End Cap to be installed.
- F. AVIANGLE™ UNIVERSAL END CAP PLATE
  - a. When the end of the AviAngle™ is open, the installer needs to install end cap to close off the area under the AviAngle™ with an End Cap Plate.

## 2.3 MATERIALS

- A. AviAngle™ Products of made from Rigid PVC with UV inhibitors, and resistant to virtually all weather and harsh environments.

## 2.4 MOUNTING METHODS

- A. Use a polyurethane construction adhesive for all surfaces when installing AviAngle™. The installer must test section of AviAngle™ and adhesive to test area before installing AviAngle™ to ensure proper adhesion.

Contact manufacturer for recommended adhesives.

- B. In addition to the polyurethane construction adhesive, the installer can use Screws with fender washers for additional fastening options.
- C. In addition to the polyurethane construction adhesive, the installer can use Clamps for temporary installations or additional fastening options.

## **SECTION 3 EXECUTION**

### **3.1 SURVEY**

- A. Before starting the installation, the installer must first conduct a complete inspection of the areas to be treated.
  - a. Note any unsafe conditions.
  - b. Notify appropriate personnel of all conditions before installation starts.
- B. The installer must not proceed with the installation until all conditions are fixed and safe.

### **3.2 SURFACE PREPARATION**

- A. Surfaces should be inspected and cleaned before beginning installation.
- B. Remove debris and make repairs as necessary – fallen tree branches, brush, peeling paint, loose parts, rubble, rust, etc.
- C. Use Bird-X Safety Solvent to clean and remove bird droppings and another residue from surfaces.
- D. Highly recommended that treatment area(s) are thoroughly power washed before the installation.
- E. Make sure surfaces are dry before installation.
- F. The ideal outside temperature should be above 50 degrees. For applications that are below 50 degrees, the installer should utilize a polyurethane adhesive that is rated for colder temperatures and appropriate surface areas.

### **3.3 INSTALLATION**

- A. AviAngle™ must be installed according to the manufacturer's recommendations. Please follow manufacturer's Installation Guide for proper installation.
- B. Installer MUST cover the entire ledge surface area. Please follow the Ledge Depth Measurement Guide for directions on how to properly measure ledge surface to determine the AviAngle™ components that will be needed to complete the installation properly.
- C. Failure to follow the manufacturer's installation guidelines, improper installation or to follow good workmanship guidelines will void all warranties, express or implied.

### **3.4 INSPECTION**

- A. At the completion of the installation, the installer must visually inspect all the AviAngle™ components for any damage or any problems related to the installation.
- B. Repair and correct any deficiencies immediately, otherwise the AviAngle™ system may not work as intended.

### **OM-OPERATIONAL MAINTENANCE**

If the AviAngle™ system is installed according to the manufacturer's guidelines, the AviAngle™ system should be virtually maintenance free. Standard weather-related elements should not damage the AviAngle™ system if the installation was performed according to the manufacturer's installation guidelines. AviAngle™ Products are warrantied against U.V. breakdown for two (2) years.

----- END OF SPECIFICATIONS -----