

Section 108113
BIRD CONTROL DEVICES

PART 1 – GENERAL

1.1 SUMMARY

- A. This Section includes:
 - 1. **PE-Plus Premium Grade BirdNet** to prevent birds from entering, roosting and nesting in areas where they are unwanted, and prevent damage from droppings and nesting materials.

1.2 CONFORMANCE SUBMITTALS

- A. Substitute Products: No substitute products will be accepted.
- B. Product Data: Submit manufacturer's samples, catalog cuts, shop sketches and other descriptive materials.

1.3 CLOSEOUT SUBMITTALS

- A. Maintenance Data

1.4 QUALITY ASSURANCE

- A. Single Source Responsibility: Netting and all parts specified in this section will be supplied by a single manufacturer.
- B. Obtain technical literature from the specified manufacturer, telephone consultation and plan/photograph evaluation.
- C. Utilize labor or Bird-X authorized installers who are certified in Bird-X Product installations. Proof of certification required.

1.5 PRODUCT HANDLING

- A. Protect PE-Plus Premium Grade BirdNet and hardware system from damage before, during and after installation.
- B. If damage occurs to PE-Plus Premium Grade BirdNet, make all replacements immediately.

1.6 WARRANTY

- A. 10-year minimum warranty against material defects and workmanship.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

- A. Bird-X, Inc. (Basis of Design)
300 N. Oakley Blvd., Chicago, IL. 60612
Phone: 800.662.5021, Fax: 312.226.2480;
Email: solutions@bird-X.com
www.bird-x.com

2.2 PRODUCT DESCRIPTION

- A. Model Designation:
 - 1. ¾" PE-Plus Premium Grade BirdNet (NET-PE)
- B. Color: Black

2.3 MATERIAL

- A. **Material:** U.V. Stabilized knotted HDPE net. Non-conductive, flame resistant, rot resistant, waterproof, and stable in subzero temperatures.
- B. **Construction:** 12/6 construction – 6 strands of UV protected HDPE yarn, each 0.012 inch in diameter.
- C. **Sizes:** As required
- D. **Break strength:** 52 lbs. per strand
- E. **ISO 1806 Mesh Strength Test:** Peak Load 575 lbs force
- F. **24" Wide Span Orthogonal Strength Test:** Peak load 575 lbs force
- G. **Electrical Properties:** Non-conductive
- H. **UV Stability:** UV protection system of Hindered Amine Light Stabilizers (HALS), Anti-oxidants and weather resistant pigments formulated exclusively for Bird-X.
- I. **Thermal Properties:** Melting point in excess of 250 degrees F. Flame resistant. Can be heated for short periods of time in excess of 500 degrees F.
- J. **Flammability:** Burns slowly in air. Fine filaments tend to melt and drop away before propagating flame.

2.4 MOUNTING SYSTEMS

- A. **Hardware:** stainless steel recommended for all exterior applications
 - 1. Corner/Primary Attachments
 - 2. Intermediate Attachments
 - 3. Stringing Wire/Cable
 - 4. Ferrules (Copper or Aluminum)
 - 5. Turnbuckles
 - 6. Net Rings

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine installation area. Notify Owner's Agent of detrimental work conditions.
- B. Do not proceed until conditions are corrected.

3.2 AREA AND SURFACE PREPERATION

- A. Remove existing bird droppings in a safe manner. Large quantities shall be removed and disposed. Work areas shall be cleaned, and repair work shall be done in areas which will be excluded by the PE-plus premium grade BirdNet.
- B. Remove or repair articles that may damage the PE-plus premium grade BirdNet after installation.

3.3 INSTALLATION

- A. Install as recommended by the manufacturer.
- B. Correct mesh sizes shall be specified to ensure exclusion of the correct pest bird.
- C. Shall be installed tightly and securely to ensure a long-lasting installation that is visually hard to see.

3.4 INSPECTION

- A. Visually inspect PE-plus premium grade BirdNet for poor adherence to mounting surfaces, or other problems related to poor installation or surface preparation.
- B. Repair as necessary immediately.