Section 108113

BIRD CONTROL DEVICES

**PART 1 – GENERAL**

1. **SUMMARY**
2. This Section includes:
	1. **Bird-X Plastic Spikes** to prevent pest birds from landing, perching or roosting wherever the spikes are applied. They make surfaces uncomfortable, uninviting and intimidating to pest birds. Bird-X Plastic Bird Spikes are safe, non-toxic, non-harmful, humane and eco-friendly.
3. **CONFORMANCE SUBMITTALS**
4. Substitute Products: No substitute products will be accepted.
5. Product Data: Submit manufacturer’s samples, catalog cuts, shop sketches and other descriptive materials.
6. **CLOSEOUT SUBMITTALS**
7. Maintenance Data
8. **QUALITY ASSURANCE**
9. Single Source Responsibility: All primary products specified in this section will be supplied by a single manufacturer.
10. Obtain technical literature from the specified manufacturer, telephone consultation and plan/photograph evaluation.
11. Utilize labor or Bird-X authorized installers who are certified in Bird-X product installations. Proof of certification is required.
12. **PRODUCT HANDLING**
13. Protect Bird-X Plastic Bird Spikes from damage before, during and after installation.
14. If damage occurs to Bird-X Plastic Bird Spikes at any time, make all replacements immediately.
15. **WARRANTY**
16. 5-year minimum warranty against material defects and workmanship

**PART 2 – PRODUCTS**

* 1. **ACCEPTABLE MANUFACTURER**
1. **Bird-X, Inc.,**

845 N Larch Ave, Suite 2

Elmhurst, IL 60126

Phone: 800.662.5021

Fax: 312.226.2480

Email: solutions@bird-x.com
[www.bird-x.com](http://www.bird-x.com)

* 1. **MODEL DESIGNATION**
1. Bird-X Plastic Bird Spikes – Narrow (SP-N)
	1. Color: clear
2. Bird-X Plastic Bird Spikes – Regular (SP)
	1. Color: clear
3. Bird-X Plastic Bird Spikes – Stackable (SP-S-100)
	1. Color: clear
	2. **MATERIAL**
		* 1. **Bird-X Plastic Bird Spikes – Narrow (SP-N)**
				1. Material: UV-Treated polycarbonate base and spike; resistant to virtually all weather and harsh environments.
				2. Length: 1 ft. sections
				3. Highest Point: 4.75”
				4. Base width: 0.5”
				5. Top width: 2.5” (3.5” coverage)
				6. Melting Point: 500 Degrees Fahrenheit
				7. Heat Deflection Point: 300 Degrees Fahrenheit
			2. **Bird-X Plastic Bird Spikes – Regular (SP)**
				1. Material: UV-treated polycarbonate base and spike; resistant to virtually all weather and harsh environments.
				2. Length: 1 ft. sections
				3. Highest Point: 4.75”
				4. Base width: 1”
				5. Top width: 6.5” (7.5” coverage)
				6. Melting Point: 500 Degrees Fahrenheit
				7. Heat Deflection Point: 300 Degrees Fahrenheit
			3. **Bird-X Plastic Bird Spikes – Stackable (SP-S-100)**
				1. Material: UV-Treated polycarbonate base and spike; resistant to virtually all weather and harsh environments.
				2. Length: 1 ft. sections
				3. Highest Point: 4.75”
				4. Base width: 0.5”
				5. Top width: 4.5” (5.5” coverage)
				6. Melting Point: 500 Degrees Fahrenheit
				7. Heat Deflection Point: 300 Degrees Fahrenheit
	3. **MOUNTING SYSTEMS**
	4. Adhesive: Bird-X Bird Spikes Special Adhesive
	5. Screws: Use #12 flat Phillips-head screws and a screwdriver with a shaft of at least 4”.
	6. Nails: Use 1/8” nails and a nail set.

**PART 3 – EXECUTION**

1. **EXAMINATION**
2. Examine installation area. Notify Owner’s Agent of detrimental work conditions.
3. Do not proceed until conditions are corrected.
4. **AREA AND SURFACE PREPERATION**
5. Surfaces should be inspected and cleaned before beginning installation.
6. Remove debris and make repairs as necessary – fallen tree branches, brush, peeling paint, loose parts, rubble, rust, etc.
7. Use a microbial cleaning agent (Bird-X EVO Cleaner) to clean and remove bird droppings and other residue from surfaces.
8. Make sure surfaces are dry before installation.
9. Remove or repair articles that may damage the Bird-X Plastic Bird Spikes after installation.
10. **INSTALLATION**
11. Install Bird-X Plastic Bird Spikes according to the Bird-X installation instructions.
12. Measure the length of each area to be covered, allowing for curves or bends in the surface. Based on length (multiply length by 2, 3 etc. if necessary for wider widths) order an appropriate amount of Bird-X Plastic Bird Spikes. Units may be ‘snapped’ to fit lengths less than 12”.
13. Bird-X Spikes Special Adhesive – bond only to dry, clean surfaces, when temperature is between 32 degrees F and 120 degrees F. Apply a bead of adhesive to underside of base and firmly press Bird-X Plastic Bird Spikes onto surface so that it makes solid contact.
14. **INSPECTION**
15. Visually inspect Bird-X Plastic Bird Spikes installation for inadequate adherence to surfaces, loose screws, or interfering debris.
16. Make any necessary repairs immediately.