

Planning A Bird Net Installation

To be effective, a bird netting installation must be well planned and properly installed. The following guidelines provide a basic outline designed to help you plan for a **STRUCTURAL*** bird netting installation. Each installation is different and some guidelines may not apply to your application. If you have questions or need help, please contact Nixalite.

* Structural: bird netting installation for buildings or structures.

1. Observation:

- Identify ALL the places birds land, roost and nest. Identify the bird species.
- Find ALL the entry and exit routes birds use to get into and out of the area. You must find all of them or birds may be able to get behind the installed bird netting.

2. Where to Install the Net:

- Find the best location for the netting. The netting should either enclose the problem area or block off all the routes that birds use to gain access to the area.
- Plan the path of the netting carefully. Keep the netting away from conditions that could damage it such as moving objects, high heat, equipment, etc.
- Some objects and surfaces require periodic maintenance or attention. You can change the netting path to exclude these areas, or enclose them and use the Access Hardware available from Nixalite.

3. Measurements:

- Accurately measure where the bird netting will be installed. If the path of the planned installation changes elevation (up or down), make sure to account for this in your measurements.
- **DO NOT** base netting estimates on 'square footage'. They do not allow for any vertical changes in the netting path.
- Accurately measure and record the location of any beams, pipes, joists or any other objects that could serve as additional support for the bird netting.
- Some problem areas may end up outside the netting enclosure. For these surfaces, use other bird control methods such as Nixalite Premium Bird Barrier Spikes.

4. Which Netting to Use:

Nixalite offers several types of bird netting, but only a few can be used for structural / architectural control. Choose the type of netting that best suits your needs and application.

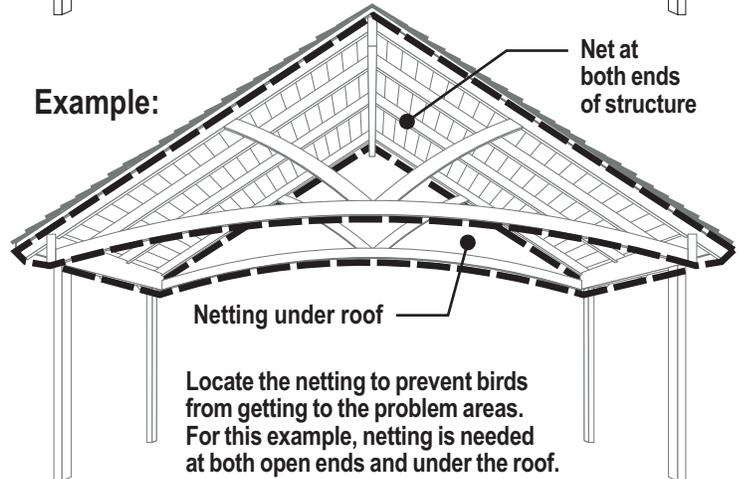
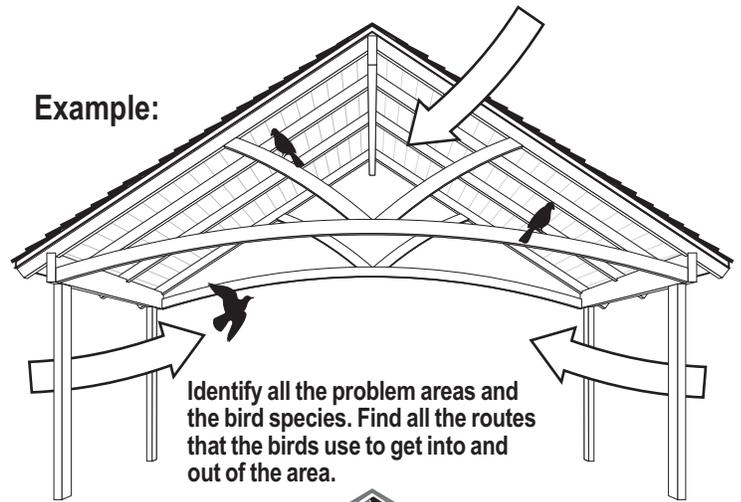
PollyNet Lightweight: Ultra-light construction. Used where low visibility and economy are more important than longevity. 3/4x5/8" mesh. Low cost, disposable net.

PollyNet Premium: Tough, seamless construction. Used for all bird netting applications. 1/2" square mesh stops birds of all sizes. Economical netting, resists UV.

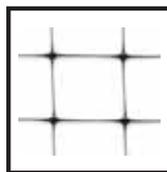
B-Net Bird Netting: A medium-grade knotted 6-ply bird net. Versatile netting used for all bird control applications. Available in 3 mesh sizes and 2 colors.

K-Net HT: Heavy-duty 12-ply knotted bird net. Ideal for long term use in harsh environments. 3/4" mesh stops most birds. Available in 2 colors.

Need Help? Contact Nixalite. We can help you choose the netting that best suits your needs.

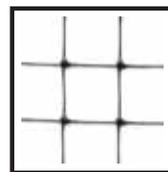


Measurements: **DO NOT** use square footage to determine how much netting is needed. If done for the example shown, there would not be sufficient netting to cover the open ends of the structure. Accurately measure **ALL** areas where bird netting will be installed.



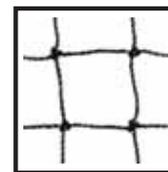
PollyNet Lightweight

- Ultra-Light
- Low visibility
- Inexpensive
- Disposable



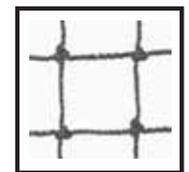
PollyNet Premium

- For all birds
- 1/2" sq mesh
- For all birds
- Seamless



B-Net Bird Net

- Mid-grade
- Multi-ply
- 3/4" mesh
- Seamless



K-Net HT Bird Net

- Strongest
- Multi-ply
- 3/4" mesh
- Seamless

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5. How Much Netting?

- Review your recorded measurements. From the **Netting Coverage Tables**, select the netting sizes or combination of sizes that provides the needed coverage.
- **ALWAYS** allow extra netting. The **Netting Coverage Table** lists the best coverage from each netting piece while still allowing for perimeter and seam fastening.
- **EXAMPLE:** A 14'x50' net **WILL NOT** cover an area 14' wide and 50' long. The best it can do is 12' wide and 48' long (see coverage table). Allow at least 12" around the outside edges of the netting for fastening.

6. Hardware Selection:

The following describes a few of the netting hardware systems available from Nixalite. Choose the hardware that best suits your application. For more information go to www.nixalite.com or contact Nixalite.

- **Poly Hardware** - Economical and easy-to-install hardware made from UV stabilized polypropylene.
- **Tensioned Cable Hardware** - Strongest and longest lasting net hardware. If installed correctly, the netting is tight and uniform in appearance. More involved installation.
- **Support Cables** - Individual cables used to support long spans of netting where overhead fastening is not available or sufficient. More involved installation.
- **Access Hardware** - Items designed to allow quick access behind the netting without having to remove the netting or the netting hardware.
- **Netting Accessories** - Nixalite offers a variety of tools and accessories to make the netting installation process faster and easier.

Additional Installation Methods:

Common construction materials can be used to install bird netting. This type of installation is constructed and customized to fit on-site. Here are a few examples.

- **Netting Frames & Enclosures** - A frame is used to fasten netting to flat or straight sided areas. Make frames of wood, metal, etc. An enclosure can be a box or several frames joined together to completely enclose an area. Enclosures can be as small or as large as needed.
- **Wood On Steel** - Treated/painted wood can be fastened to structural steel using intermittent hardware. Netting can then be fastened to the wood surface easily.
- **Net Curtains & Wall Covers** - 'Curtain' installations help keep birds from flying through openings where a solid door is not practical. Cover vertical walls to keep birds off of complex surfaces.
- **Custom Applications** - If you are not sure what to use, contact Nixalite. We can recommend an installation method suited just for your application.

- Netting Coverage Table -

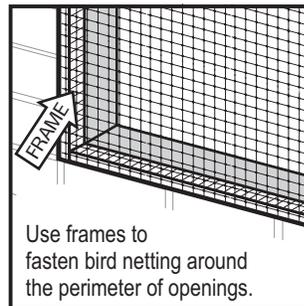
PollyNet Lightweight		PollyNet Premium	
Stock Size	Coverage*	Stock Size	Coverage*
17' x 10'	15' x 8'	14' x 10'	12' x 8'
17' x 50'	15' x 48'	14' x 50'	12' x 48'
17' x 100'	15' x 98'	14' x 100'	12' x 98'
17' x 250'	15' x 248'	14' x 250'	12' x 248'

B-Net (all mesh sizes)		K-Net HT	
Stock Size	Coverage*	Stock Size	Coverage*
25' x 25'	23' x 23'	25' x 25'	23' x 23'
50' x 50'	48' x 48'	25' x 50'	23' x 48'
50' x 100'	48' x 98'	25' x 100'	23' x 98'
100' x 100'	98' x 98'	50' x 50'	48' x 48'
	B-Net: 3/4", 1-1/8" & 2" mesh sizes	50' x 100'	48' x 98'

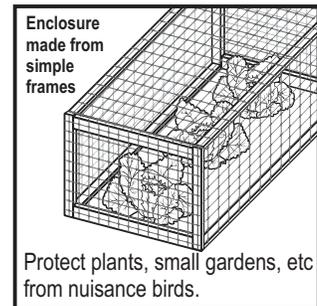
*Best possible coverage from stock size net. Use Coverage size when estimating for bird netting required.

- Additional Installation Methods -

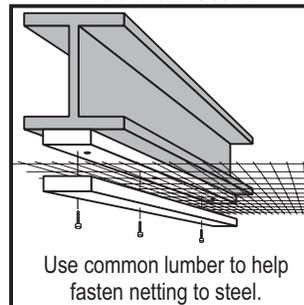
Frames & Enclosures



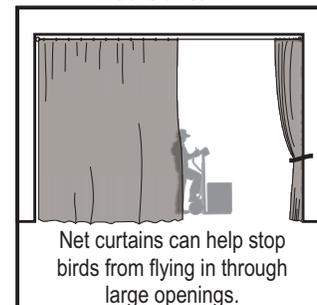
Frames & Enclosures



Wood on Steel



Net Curtain



There are many different ways to install bird netting but the goals of the installation should always be the same: no gaps, openings, wrinkles or excessive net sag. For more information on other installation methods refer to the **Additional Netting Installation Methods** page from Nixalite.

Let Nixalite® help you plan your netting installation

Send us detailed and accurate information about your bird netting application and Nixalite can recommend a complete netting system. It is vital that your information is ACCURATE. Contact Nixalite for details.



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Where the World Shops for Humane Bird and Animal Control.