



February 28, 2024

The product below meets ABC's and NYC Local Law 15 of 2020's criteria for bird-friendly glass and/or materials.

This product received a Threat Factor of **25/30** or less via:

- ☐ [Prescriptive Criteria](#)
- ☐ Bird Safe Buildings Alliance Evaluation
- ☐ Tunnel Testing XX

National Windowfilm: Bird Divert

3/8 inch UV absorbing dots spaced 2 inches on center vertically and horizontally; 1/4 inch UV reflective dots spaced 2 inches on center vertically and horizontally. TF=18, tested at Foreman's Branch.

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P.O. Box 249, The Plains, VA 20198 (regular, registered, or certified mail)

8255 E. Main Street, Suites D & E, Marshall, VA 20115 (physical address; use for deliveries)

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**AMERICAN BIRD
CONSERVANCY**



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Product Details

Bird Divert is a durable UV dot matrix that is optically clear to the human eye. But appears black (absorbing) and violet (reflective) to the avian eye.

Specifications

Film Type	PVC acrylic hard coat
Adhesive Type	Pressure- Sensitive
Usage	Exterior
Width	12"
Roll length	500 Feet
Thickness	3.2millimeters
Visible light reflectance	2%
Visible light transmission	98%
UV Transmission	98%
Solar heat reflectance	2%
Solar heat transmission	98%
Solar heat absorbance	2%

Product Construction

Face Film	3.2 mil PVC with UV absorbing/reflective dot matrix
Adhesive	Adhesive clear, Pressure sensitive
Release liner	Transparent, Synthetic
Transfer Tape	Transparent, Synthetic

Installation and Warranty

Installation should be in accordance with the Manufacturer's installation instructions. The film is applied using the same tools and techniques for installing window films.

Warranty

This Bird Divert product will be free from defects in material and manufacture for a period of **Five (5) years from the date of installation**

Leed Credit

This product qualifies for a **Leed credit pilot #55 Threat level rating.18**

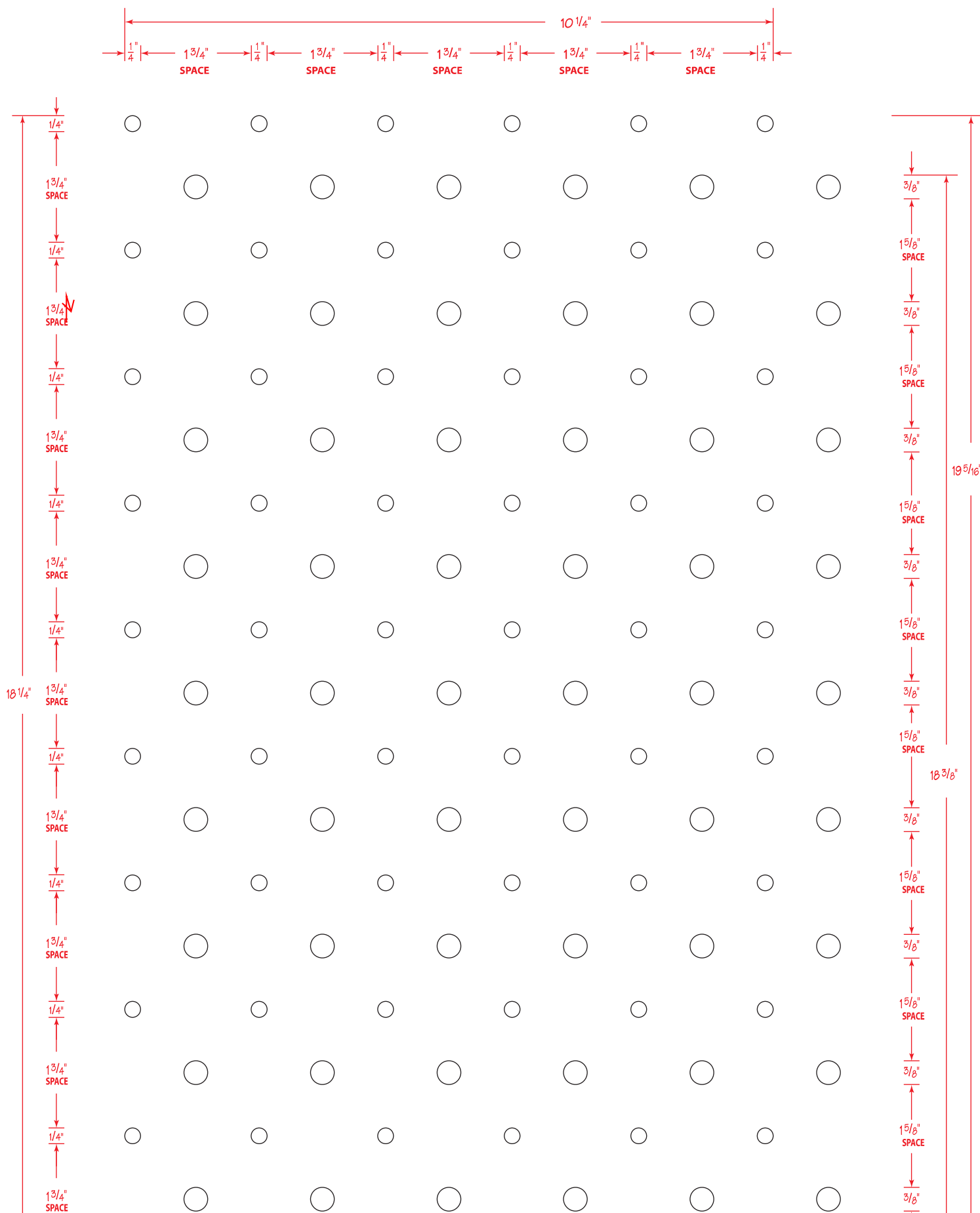
Product Distribution and Contact

Distribution
National Window Film's Bird Divert is available through authorized dealers or directly from National Window Film.

Contact Information

National Window Film (908)-396-2020
www.info@birddivert.com
www.birddivert.com

CLEAR DOT MATRIX PATTERN



TECHNICAL ANALYSIS

Bird Divert is the first OPTICALLY CLEAR UV ABSORBING / REFLECTIVE bird mitigation marker that ABSORBS both UV and VISUAL LIGHT UP TO 420 NANOMETER

The reason it works so effectively is that technically it is BOTH a UV and VISUAL LIGHT DETERRENT

Our Research CONCENTRATED NOT ONLY ON THE UV SPECTRUM BUT ALSO ON THE LIGHT SPECTRUM'S LOW-END

The VISUAL / UV LIGHT SPECTRUM IS 100% BLOCKED BELOW 405 NANOMETERS Which CREATES A VISUAL LIGHT DETERRENT AS BLACKOUT

RESEARCH

UV LIGHT REFLECTION is created using NANO TECHNOLOGY WITH 20 NANOMETER HOLLOW GLASS SPHERES

It MECHANICALLY redirects UV light back to its source, while leaving THE VISUAL LIGHT ALONE to pass through creating OPTICAL CLARITY

- BIRD DIVERT IS NOT LIGHT SCATTERING

FILM SPECIFICATIONS

3/8" ASORBIBNG DOTS

The film's 95% transmission rate is 420 NANOMETERS OR 5% DARK

The film's 50% transmission rate is 412 NANOMETERS OR 50% DARK

The film's 5% transmission rate is 405 NANOMETERS OR 95% DARK

1/4" ASORBING/REFLECTIVE DOTS

The film' is 75% REFLECTIVE RE DIRECTIONAL LIGHT @ 180 DEGREES

Imp to note

Example

Think of using a signal mirror as a lost hiker would