



VITROTERM - MURÓW S.A.



www.vitroterm.pl

BIRD PROTECTION SOLUTIONS

ORNILUX®

NOTHING'S IMPOSSIBLE WITH GLASS!

At Vitroterm-Murów, we specialize in the production of insulating glass units featuring bird-friendly glass. As one of the industry leaders, we offer proven and effective solutions that help protect birds from collisions with glazed facades.

DISCOVER THE DIFFERENT TYPES OF GLASS AVAILABLE IN THE ORNILUX® PRODUCT LINE

ORNILUX® MIKADO

ORNILUX® Mikado is an innovative glass featuring UV-reflective patterns that are nearly invisible to the human eye, designed to combine bird protection with the aesthetic demands of modern facades. Thanks to its unique structure, Mikado glass effectively reduces bird collisions with glazed surfaces while maintaining full transparency and architectural elegance.



Threat Factor (TF) ≤ 25

All ORNILUX® Mikado combinations with low-emissivity (Low-E) coatings are certified by the American Bird Conservancy (ABC), confirming their effectiveness and environmental safety.

When combined with Sunbelt® solar control coatings, the glass meets the requirements of New York City's Local Law 15-2020, achieving a Threat Factor (TF) of ≤ 20–25.



ORNILUX® DESIGN DOTS & LINE

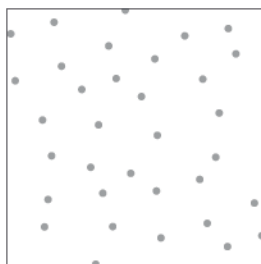
ORNILUX® Design Dots and Line is an innovative glass solution that effectively protects birds from collisions while preserving the aesthetic appeal of modern façades.

A special, nearly invisible coating covers less than 1% of the surface area, keeping the glass visually lightweight and highly versatile in application.

The product meets all bird-friendly glass standards, and its effectiveness has been independently tested and certified.

ORNILUX® is available in both laminated and monolithic configurations.

DOTS



Threat Factor (TF) ≤ 25

LINE



Threat Factor (TF) ≤ 25

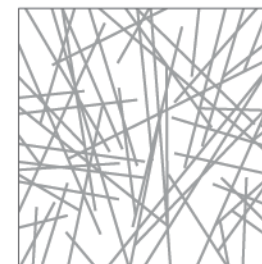


ORNILUX®- RAILINGS

As an experienced glass processor, we offer our clients innovative solutions for safe and aesthetically pleasing glazing of balustrades and protective barriers. By using ORNILUX® glass, we are able to execute projects with laminated glass that meet not only demanding design standards, but also nature conservation regulations.

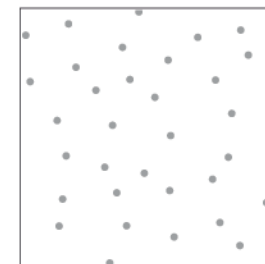
ORNILUX® glass is a proven solution for reducing bird collisions with glazed surfaces—its effectiveness is supported by testing and certification. In this way, we combine modern design with environmental responsibility.

SUPER MIKADO



Threat Factor (TF) ≤ 25

DOTS



Threat Factor (TF) ≤ 25



ADVANTAGES OF BIRD-SAFE GLASS IN ARCHITECTURAL DESIGN

- REDUCES BIRD-GLASS COLLISIONS
- FLEXIBLE PRODUCT SELECTION
NO COMPROMISE ON ENERGY PERFORMANCE
- PROVEN AND CERTIFIED SOLUTIONS
- AESTHETIC APPEARANCE WITH FULL TRANSPARENCY
- SUPPORTS SUSTAINABLE BUILDING PRACTICES
- COMPATIBLE WITH OTHER GLASS FUNCTIONS
(E.G. ACOUSTIC INSULATION, THERMAL PERFORMANCE, SAFETY GLAZING, ETC.)