



VITROTERM - MURÓW S.A.



[www.vitroterm.pl](http://www.vitroterm.pl)

# BIRD PROTECTION SOLUTIONS

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4BIRD®

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 market leaders, we offer proven and effective solutions that help protect birds from collisions with glazed façades.

With many years of experience and a team of highly skilled specialists, we have a deep understanding of the challenges and demands of architectural projects—especially in the demanding U.S. market, where we have successfully delivered numerous high-profile installations.



## 4 BIRD® FRIT

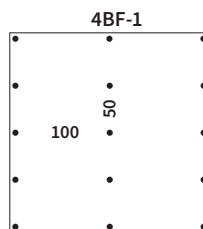
This is printed glass available on position #1, #2, #3, or #4 for laminated glass, and can be combined with COOL-LITE® solar control coatings. The product is available in annealed or heat-treatable versions, depending on the glazing configuration.

These solutions comply with local building codes and national guidelines, and meet the requirements of recognized bird-friendly pattern standards, such as the 2x2" and 2x4" spacing rules, as well as LEED Pilot Credit #55: Bird Collision Deterrence.

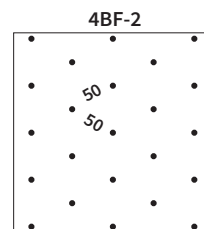
## 4 BIRD® ETCH

This is acid-etched patterned glass applied on position #1. The products comply with local regulations and national guidelines, and meet the requirements of widely accepted bird-friendly pattern rules, such as the 2x2" and 2x4" spacing standards. They also fulfill stricter mandatory and voluntary regulations, including LEED Pilot Credit #55: Bird Collision Deterrence.

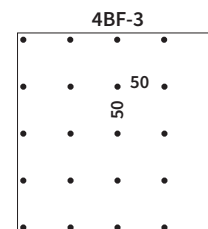
### PATTERN OPTIONS



Dots Ø6 mm  
Threat Factor (TF) = 25

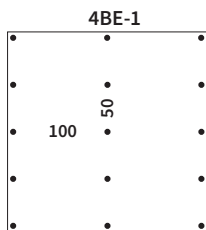


Dots Ø6 mm  
Threat Factor (TF) = 20

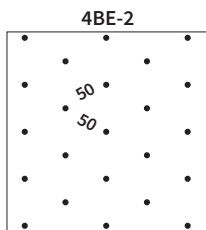


Dots Ø6 mm  
Threat Factor (TF) = 20

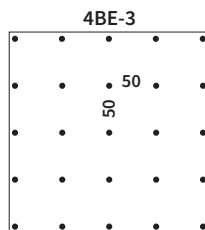
### PATTERN OPTIONS



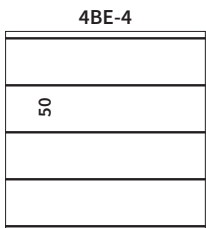
Dots Ø6 mm  
Threat Factor (TF) = 25



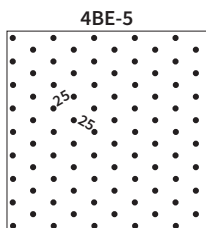
Dots Ø6 mm  
Threat Factor (TF) = 20



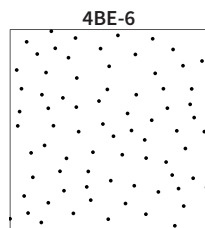
Dots Ø6 mm  
Threat Factor (TF) = 20



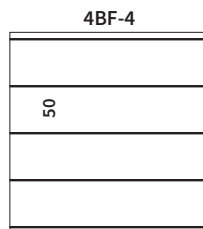
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Threat Factor (TF) = 20



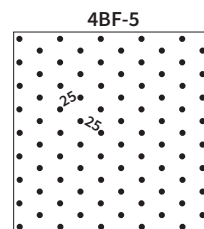
Dots Ø6 mm  
Threat Factor (TF) = 25



Dots Ø6 mm  
Threat Factor (TF) = 25



Line 6 mm  
Threat Factor (TF) = 20



Dots Ø6 mm  
Threat Factor (TF) = 25

**WOULD YOU LIKE MORE INFORMATION?**

VISIT [WWW.VITROTERM.PL](http://WWW.VITROTERM.PL)  
OR GET IN TOUCH WITH US!



Any glass classified as bird-safe must be applied in accordance with the configuration tested and certified by the American Bird Conservancy (ABC).

