

**Bird collisions with glass surfaces – test report Ornilux Mikado**  
**Test in the Flight Tunnel II at the Biological Station Hohenau-Ringelsdorf**  
**(Austria)**

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german version (1 MB pdf)

<http://wua-wien.at/images/stories/publikationen/vogelanprall-ornilux-mikado.pdf>

*„Vogelanprall an Glasflächen - Prüfbericht Ornilux Mikado“  
Prüfung im Flugtunnel II der Biologischen Station Hohenau-Ringelsdorf*

*Martin Rössler im Auftrag der Wiener Umweltanwaltschaft  
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Ornilux Mikado, labelled as “bird protection glass” by the manufacturer has been tested in three standardised test series. The goal of the study was to clarify whether birds could recognize the - regarding to the assertion of the manufacturer – “UV-effective coating” as an obstacle to a sufficient extent and whether the special glass could reduce bird collisions effectively. The pane was tested according to the Austrian Standard ONR 191040, in addition the impact of reflections was tested in two ways. Reference was an extremely effective and well-studied glass marking.

Due to the tests the labelling “bird protection glass” cannot be verified. Compared to highly effective markings Ornilux Mikado is poorly effective in front of a natural background if there are no reflections (ONR 191040). In tests including reflections of the vegetation and the sky Ornilux Mikado – panes have no protecting effect at all: birds do not differentiate between Ornilux and unmarked float glass.



Ornilux Mikado Neutralux 1.1 (insulation glass)

In the choice experiment according to ONR 191040 37.2% of the birds flew towards the test pane.