



SILVERSTAR BIRDPROTECT

Design aligned with bird's perception



Bird-friendly construction combined with aesthetics

Transparency meets aesthetics

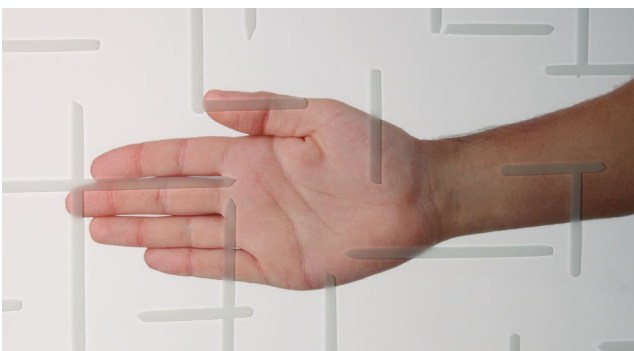
SILVERSTAR BIRDprotect is now more visible for birds. Glas Trösch delivers a design that achieves the optimal effect against bird impact. Through its structure and shape, the ORTHO design disperses the reflections or transparency which are dangerous for birds, enabling them to better recognise the glass as an obstacle. The design can be applied regardless of the installation situation of the insulating glass, and for both thermal and solar control coatings.

According to the Swiss Ornithological Institute, more effective bird protection can only be achieved by means of visible structures on the glass. This is possible with the aesthetic colours and designs from Glas Trösch.

The designs of SILVERSTAR BIRDprotect are assessed in advance by the Swiss Ornithological Institute in Sempach.

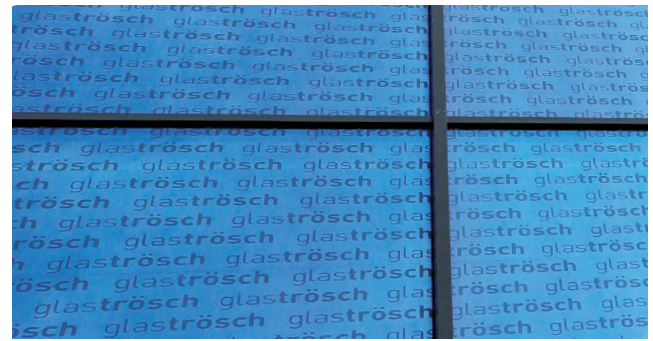
Palm rule and degree of printing

As many birds are used to flying through dense branches, they recognise small 'holes' as their opportunity to fly through. According to the Swiss Ornithological Institute, to meet the criteria for highly-effective bird protection, the gap between imprints must be no larger than the palm of your hand. SILVERSTAR BIRDprotect meets these criteria.



'ORTHO' design of SILVERSTAR BIRDprotect

This rule of palm-sized gaps can be seen in the designs of various structures, for example in Goldau Zoo (Switzerland), the new building of the Swiss Ornithological Institute, various noise barriers and balcony windows.



A special kind of branding: The façade of the insulating glass factory of Glas Trösch AG, Gossau, St Gallen, Switzerland.

With an individual design, it is also necessary to ensure a printing degree of 15% on the glass. This figure is recommended by the Swiss Ornithological Institute.

The Swiss Ornithological Institute and your Glas Trösch partner factories will be happy to provide you with information when creating your own designs.

In a nutshell

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|----------------------|---|
| Aesthetic | Translucent structural design |
| Functionality | Reduces risk of birds colliding with glass; effective for both transparency and reflection |
| Application | Glass panes in outdoor areas which are designed to be bird-friendly with transparency or reflection |

