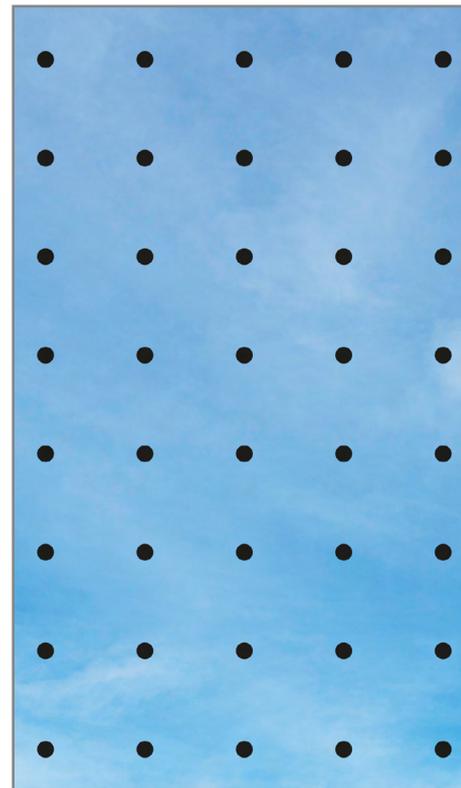


This innovative sun protection film with an integrated bird-protection pattern combines energy sustainability (improved building performance through summer heat reduction) with effective bird collision prevention. By reducing cooling demand and costs, a full payback of the investment is possible. The solution is extremely easy to clean and, if required, can be removed from glass surfaces without leaving any residue.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
Visible Light		
Transmittance (VLT) %	34	31
Reflectance exterior / interior %	41/37	42/39
Glare reduction %	62	62
Solar Energy		
Transmittance %	26	23
Absorptance %	31	33
Reflectance %	43	44
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (g-value)	0,33	0,28
Light to solar heat gain ratio (VLT/SHGC)	1,01	1,12
Total solar energy rejected [90°] %	67	72
Total solar energy rejected [60°] %	70	77
UV Tdw-ISO [300 - 700 nm] %	27	24
Fade reduction %	68	68
Film thickness	75 µm	



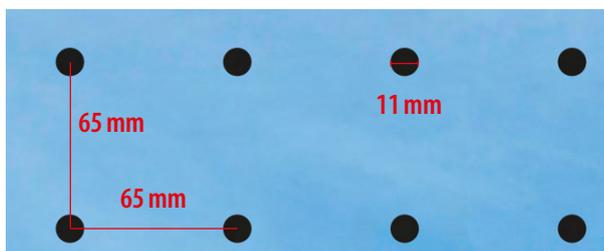
BIRD PROTECTION FILM

Material Construction Self Adhesive Film

- Multilayer polyester film.
- Scratch resistant hard coat on the surface.
- Siliconised liner on the adhesive.
- Special adhesive that enables residue-free removal from the glass.

The 11 mm black dots at 76 mm intervals are arranged in an orthogonal grid. The pattern is integrated into the product: In contrast to solutions with stickers, there is no risk of discoloration, unintentional removal or damage to the dots.

Covered area: 1,64 %



BRUXSAFOL 10 years for vertical installation
Warranty 5 years for inclined installation

Storage recommended at +15° C to +25° C and
rel. humidity 50%: approx. 3 years

Note: Widths can be found on the current
price list

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Technical data calculated using „Window 7.2.“ according to EN 410 and EN 673.



Certificates*

Burning behavior EN 13823 B/s1/d0

ABC flight tunnel test (USA) 4% Approach: "Bird Friendly"***

* The stated effectiveness of flight tunnel tests may differ in reality, depending on the position of the sun, reflection of the glazing and other factors 4% approach can be classified as "highly effective".

Film-to-Glass Guide

- Single pane clear or tinted
- Double pane clear or tinted
- Double pane Low-e on #2
- Double pane Low-e on #3
- Triple pane Low-e
- Low risk
- ▲ Caution! Submit Film-to-Glass application for risk assessment
- Tempered only

For further details please view:
www.bruxsafol.de/download/ftg-guide.pdf