

semaDK[®] Bird SRL

***** Tip *****



Protection against bird strike on glass facades with integrated UV400 blocker
***** Semi-transparent stripe pattern *****

Product description



Transparent bird protection film with a striped pattern to protect birds against bird strikes on glass facades. Windows surrounded by trees and shrubs reflect less daylight, which affects the birds' ability to recognize. The pattern plus a UV400 blocker increases the reflection of incoming sunlight and enhances the perception for animals in the environment. On the back is an acrylate-based adhesive layer covered with a protective film. The film is wet-applied. It is suitable for single glazing, insulating glazing, toughened safety glass, laminated safety glass and plastic glazing. The translucent motifs are clearly visible on the glass surface and are perceived as an obstacle by the birds via their optical sensors. The birds turn away from the glass façade during their approach. Impact is prevented by up to 90%. The film blocks all UV radiation up to 400nm.

- + **The motifs may vary depending on the batch**
- + **Shatter protection on film side in case of glass breakage**

Specifications

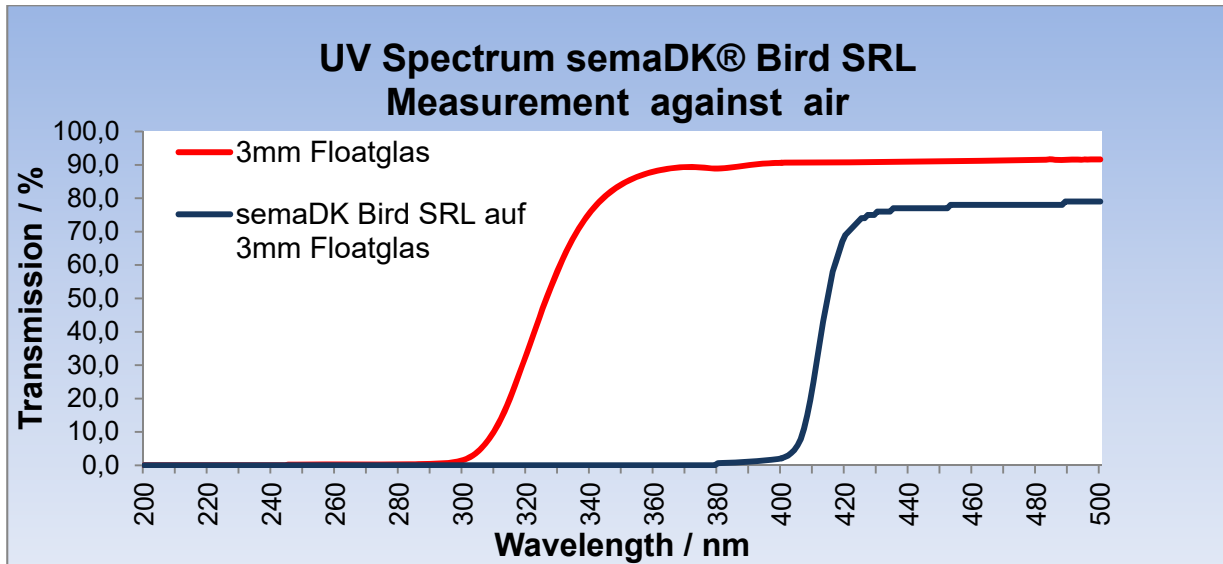
Film width (mm)	1250 ± 1
Width of adhesive (mm)	1225 ± 5
Thickness with adhesive layer (µm)	110 ± 5
Density (g/cm³)	1.37 - 1.40
Basis weight (g/m²)	85
Tensile strength (N/mm²)	190
Elongation at break (%)	145
Max. Shrinkage (%)	2
Max. Water vapour permeability (d·g/m²)	7
Surface tension (dyn/cm)	38-42
Transmission (%)	
at 380 nm	0
at 400 nm	≤ 5.0
in the visible range	≥ 75.0
UV shielding (%)	

from 200-400 nm

≥ 99.0

Transmissions cut at T=50% (nm)

415±5



Processing instructions



The **semaDK® SRL** films are installed wet. Please follow our installation instructions. After approx. 8 days at approx. 20°C, the films are firmly adhered. Moisture residues remaining between the glass and the film disappear within next months at summer outside temperatures.

The **semaDK® SRL** films can be cleaned 30 days after application with conventional window cleaning agents. Please use only soft sponges, cloths or felt wipers. Please follow our care instructions. Never clean the film surface dry. If **semaDK® SRL** films are used as intended and processed professionally, no adverse effects have occurred.

Our information is based on our current knowledge and experience. Due to the large number of possible influences during processing and application of our products, they do not release the user from his own responsibility to check the suitability for the intended purpose. Applicable laws and regulations as well as possible industrial property rights must be observed.

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