

Sun protection film for the maximum heat reduction. Mirror effect with one way view (depending on light conditions). Darkest outside film of our product line. Energy saving by reducing cooling costs.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
Visible Light		
Transmittance (VLT) %	13	12
Reflectance exterior / interior %	40/36	40/38
Glare reduction %	85	85
Solar Energy		
Transmittance %	13	11
Absorptance %	50	52
Reflectance %	37	37
IR rejection [780 - 2500 nm] %	92	-
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (G-Wert)	0,25	0,18
Light to solar heat gain ratio (VLT/G-Wert)	0,54	0,69
Total solar energy rejected [90°] %	75	82
Total solar energy rejected [60°] %	78	-
UV Tdw-ISO [300 - 700 nm] %	9	8
Fade reduction %	89	89
Film thickness	50 µ	



SUN PROTECTION FILM

Material Construction Self Adhesive Film

- 2-layer polyester film, sputtered with aluminum.
- The PET layer consists of a new special UV stabilised PET.
- Scratch resistant hard coat on the surface.
- Siliconised liner on the adhesive.
- High quality pressure sensitive adhesive system (water activated) with integrated UV-absorber for best longevity.

BRUXSAFOL Warranty Only with complete edge sealing:
7 years on vertical installations,
5 years on slanted installations

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

Possible Widths 183 cm 152 cm 122 cm 91 cm

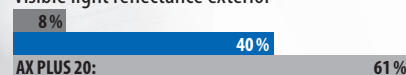
Film Performance (on 4 mm float glass)

■ Without film
■ With AX PLUS ES 15 film
■ Value of the best film

Glare reduction



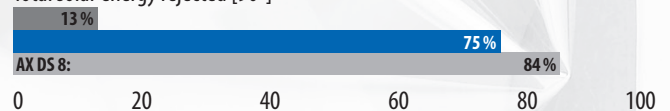
Visible light reflectance exterior



Fade reduction



Total solar energy rejected [90°]



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

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