

Sun protection film for good heat reduction combined with increased lighting needs. Very low-key mirror effect. Very light outside film. Energy saving by reducing cooling costs.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
Visible Light		
Transmittance (VLT) %	47	42
Reflectance exterior / interior %	15/12	17/18
Glare reduction %	48	48
Solar Energy		
Transmittance %	43	37
Absorptance %	43	47
Reflectance %	14	16
IR rejection [780 - 2500 nm] %	75	-
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (G-Wert)	0,53	0,44
Light to solar heat gain ratio (VLT/G-Wert)	0,87	0,95
Total solar energy rejected [90°] %	47	56
Total solar energy rejected [60°] %	53	-
UV Tdw-ISO [300 - 700 nm] %		
UV Tdw-ISO [300 - 700 nm] %	31	28
Fade reduction %	64	62
Film thickness	50 µ	



SUN PROTECTION FILM

Material Construction Self Adhesive Film

- 2-layer polyester film, sputtered with stainless steel.
- 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

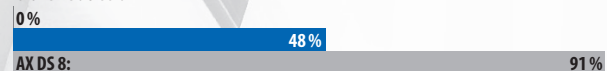
Storage Recommended at +15° C up to +25° C and
rel. humidity 50%: approx. 3 years

Possible Widths 183 cm 152 cm 122 cm 91 cm

Film Performance (on 4 mm float glass)

■ Without film
■ With AX PLUS ES 45 film
■ Value of the best film

Glare reduction



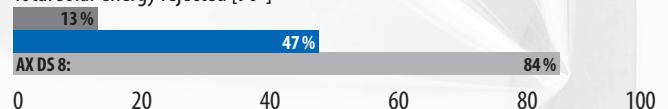
Visible light reflectance exterior



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.