

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

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
Visible Light		
Transmittance (VLT) %	48	44
Reflectance exterior / interior %	27/25	29/29
Glare reduction %	47	46
Solar Energy		
Transmittance %	37	32
Absorptance %	32	36
Reflectance %	31	32
IR rejection [780 - 2500 nm] %	78	-
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (G-Wert)	0,44	0,38
Light to solar heat gain ratio (VLT/G-Wert)	1,08	1,17
Total solar energy rejected [90°] %	56	62
Total solar energy rejected [60°] %	61	-
UV Tdw-ISO [300 - 700 nm] %	36	33
Fade reduction %	58	55
Film thickness	50 µ	



SUN PROTECTION FILM

Material Construction Self Adhesive Film

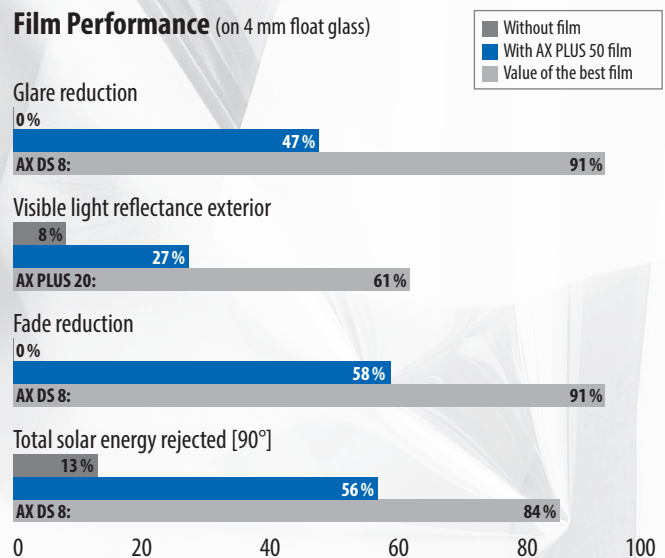
- 2-layer polyester film, sputtered with aluminum.
- The PET layer consists of a new special UV stabilised PET.
- Scratch resistant hard coat on the surface.
- Siliconised liner on the adhesive.
- High quality pressure sensitive adhesive system (water activated) with integrated UV-absorber for best longevity.

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)



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