

Sun protection film for the maximum heat reduction. Strongest mirror effect with one way view (depending on light conditions). Energy saving by reducing cooling costs.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
<b>Visible Light</b>		
Transmittance (VLT) %	16	15
Reflectance exterior / interior %	61/58	62/57
Glare reduction %	82	82
<b>Solar Energy</b>		
Transmittance %	12	11
Absorptance %	26	27
Reflectance %	62	62
IR rejection [780 - 2500 nm] %	96	-
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (G-Wert)	0,18	0,14
Light to solar heat gain ratio (VLT/G-Wert)	0,87	1,04
Total solar energy rejected [90°] %	82	86
Total solar energy rejected [60°] %	84	-
UV Tdw-ISO [300 - 700 nm] %	13	13
Fade reduction %	85	84
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

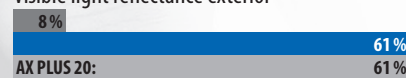
### Film Performance (on 4 mm float glass)

■ Without film  
■ With AX PLUS 20 film  
■ Value of the best film

#### Glare reduction



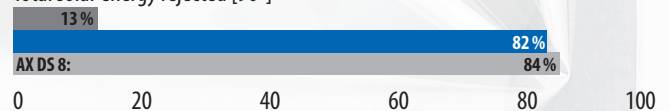
#### Visible light reflectance exterior



#### 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](http://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.