

Sun protection film for the maximum heat reduction. The warm bronze tone is very pleasing to the human eye. 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) %	24	22
Reflectance exterior / interior %	40/37	40/39
Glare reduction %	73	73
<b>Solar Energy</b>		
Transmittance %	14	12
Absorptance %	26	28
Reflectance %	60	60
IR rejection [780 - 2500 nm] %	96	-
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (G-Wert)	0,20	0,16
Light to solar heat gain ratio (VLT/G-Wert)	1,21	1,40
Total solar energy rejected [90°] %	80	84
Total solar energy rejected [60°] %	82	86
<b>UV Tdw-ISO [300 - 700 nm] %</b>		
UV Tdw-ISO [300 - 700 nm] %	14	13
Fade reduction %	84	82
Film thickness	50 µ	



SUN PROTECTION FILM

### Material Construction Self Adhesive Film

- 2-layer polyester film, sputtered with copper.
- 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

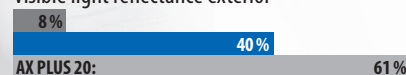
### Film Performance (on 4 mm float glass)

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

#### Glare reduction



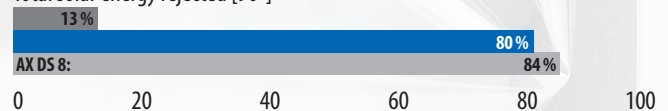
#### Visible light reflectance exterior



#### 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)

All rights and errors reserved.  
Technical data calculated using „Window 7.2.“ according to EN 410 and EN 673.