

Sun protection film for good heat reduction combined with increased lighting needs. Very 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) % | 39 | 35 |
| Reflectance exterior / interior % | 18/15 | 19/21 |
| Glare reduction % | 57 | 57 |
| Solar Energy | | |
| Transmittance % | 36 | 32 |
| Absorptance % | 47 | 50 |
| Reflectance % | 17 | 18 |
| IR rejection [780 - 2500 nm] % | 79 | - |
| UV protection [300 - 380 nm] % | >99 | >99 |
| Solar heat gain coefficient (G-Wert) | 0,47 | 0,39 |
| Light to solar heat gain ratio (VLT/G-Wert) | 0,82 | 0,91 |
| Total solar energy rejected [90°] % | 53 | 61 |
| Total solar energy rejected [60°] % | 58 | - |
| UV Tdw-ISO [300 - 700 nm] % | 26 | 24 |
| Fade reduction % | 69 | 68 |
| 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

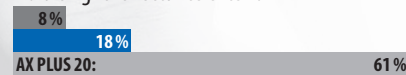
Film Performance (on 4 mm float glass)

■ Without film
■ With AX PLUS ES 40 film
■ Value of the best film

Glare reduction



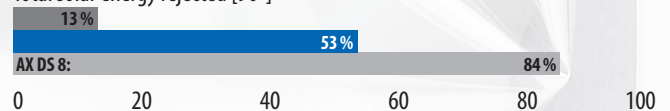
Visible light reflectance exterior



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