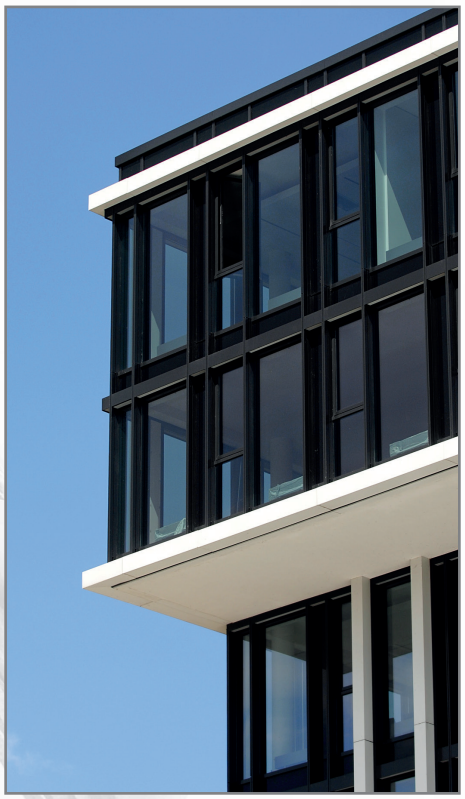
AX PLUS 50

ALUMINUM SILVER LIGHT | OUTSIDE INSTALLATION

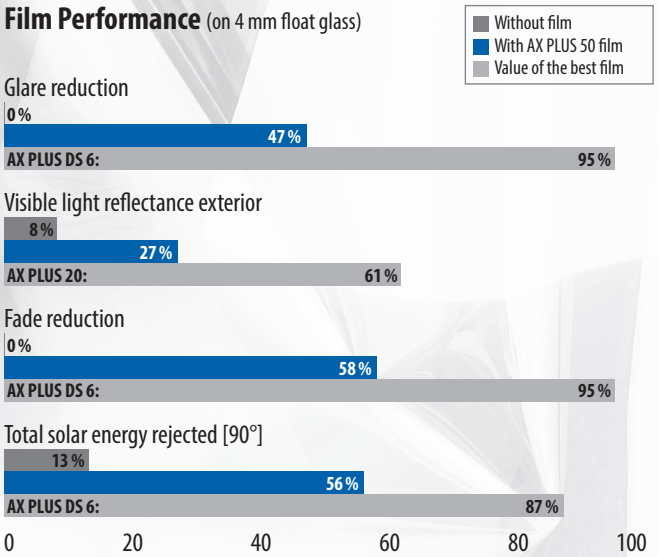
Sun protection film for good heat reduction combined with increased lighting needs. Low-key mirror effect. Energy saving by reducing cooling costs.

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 Reduktion [SIRR at 780 - 2500 nm] %	79	82
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (g-value)	0,44	0,38
Light to solar heat gain ratio (VLT/SHGC)	1,08	1,17
Total solar energy rejected [90°] %	56	62
Total solar energy rejected [60°] %	61	69
UV Tdw-ISO [300 - 700 nm] %	36	33
Fade reduction %	58	55
Film thickness	50 µm	



SUN PROTECTION FILM

Film Performance (on 4 mm float glass)



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.

Flammability	IAW EN 13501-1: B/s1/d0
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-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.

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