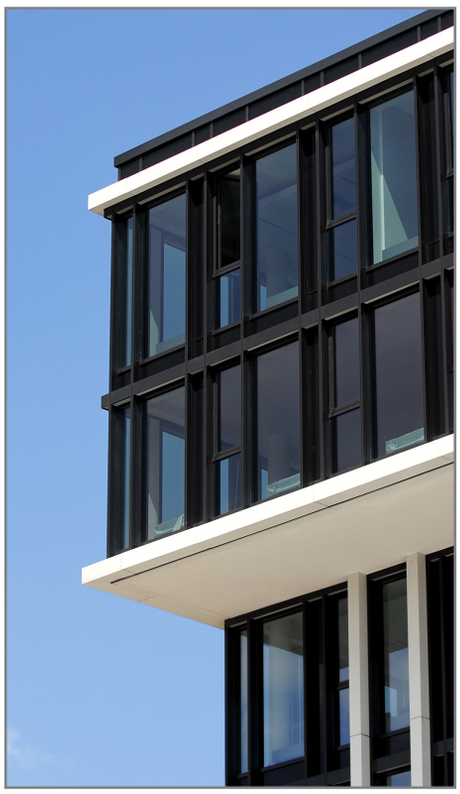
BRUXSAFOL

LX 80

ULTIMATE | INSIDE INSTALLATION

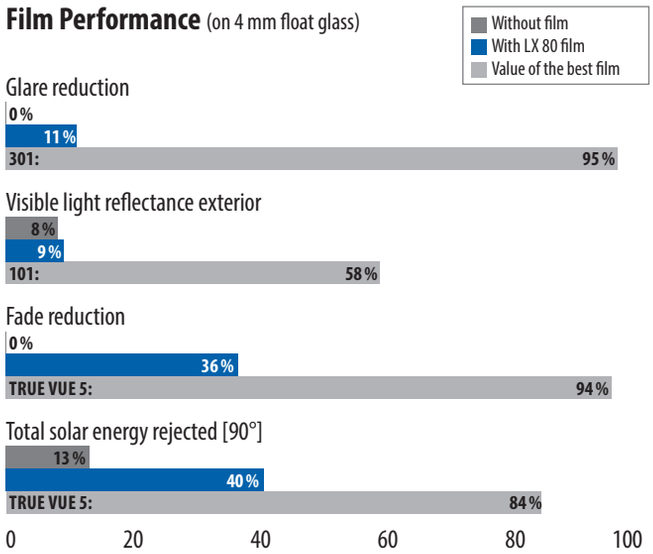
Sun protection film for highest quality requirements. The extremely high light transmission makes this film almost invisible on the glass. Increased heat radiation reduction combined with lowest loss of light for cool and light rooms. Excellent optical clarity. Energy saving by reducing cooling costs.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
Visible Light		
Transmittance (VLT) %	80	73
Reflectance exterior / interior %	9/10	15/15
Glare reduction %	11	11
Solar Energy		
Transmittance %	55	48
Absorptance %	24	29
Reflectance %	21	23
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (g-value)	0,60	0,61
Light to solar heat gain ratio (VLT/SHGC)	1,33	1,19
Total solar energy rejected [90°] %	40	39
Total solar energy rejected [60°] %	47	48
UV Tdw-ISO [300 - 700 nm] %	54	49
Fade reduction %	36	34
Film thickness	75 µm	



SUN PROTECTION FILM

Film Performance (on 4 mm float glass)



Material Construction Self Adhesive Film

- 2-layer multi-sputtered polyester film.
- 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 15 years
All edges must be sealed

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.

03/2025