BRUXSAFOL

ARMORCOAT 8 MIL

LX 70 SAFETY

EXTRA LIGHT | INSIDE INSTALLATION

Safety film to prevent injuries by flying fragments of glass. Security film for the protection of glazing combined with the maximum heat reduction.
Maximum 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) %	72	65
Solar Energy		
UV protection [300 - 380 nm] %	>99	>99
UV Tdw-ISO [300 - 700 nm] %	48	44
Fade reduction %	44	41
Physical Properties		
Thickness (incl. adhesive)	235 µm	
Tensile strength ASTM D 882	2110 kg/cm²	
Elongation ASTM D 882	>100 %	
Break strength ASTM D 882	22,0 kg/cm	
Yield strength ASTM D 882	27,0 kg/cm	
Tear strength (Graves) ASTM D 1004	7,5 kg	
Puncture strength ASTM D 4830	80,0 kg	
Peel strength ASTM D 903	>985 g/cm	



SAFETY FILM

Material Construction Self Adhesive Film

- 3-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.

Certificates *

Safety protection	EN 12600, Classification	1B1
Security protection	EN 356, Classification	P1A
Flammability	EN 45545-2	R1;HL1/HL2/HL3
	EN 13501-1	B/s1/d0

* Please contact your BRUXSAFOL partner for additional details in regard to test reports and certificate validity.

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.

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