

SF Clear 4 Mil X - Safety & Security Exterior Films

Hazard & Anti-Graffiti Protection



Safety

SF Clear 4 Mil X safety and security exterior window film features exceptional clarity, low reflectance and high levels of UV protection for increased protection from glass shattered by impact, blast, crime or natural disaster. SF Clear 4 Mil X provides up to 99% UV block to reduce fading and sun damage.

Optical and Solar Properties**	SF Clear 4 Mil X
Item Number	R12100X
Pane	Single
Visible Light Transmitted	88%
Visible Light Reflected (Interior)	10%
Visible Light Reflected (Exterior)	10%
Ultra Violet Block	99%
Total Solar Energy Reflected	10%
Total Solar Energy Transmitted	80%
Total Solar Energy Absorbed	10%
Glare Reduction	2%
Selective InfraRed Reduction (SIRR)	22%
InfraRed Energy Rejection (IRER)	18%
Shading Coefficient	0.96
Solar Heat Gain Coeff. (G-Value)	0.83
U-Value Winter (IP)	1.04
U-Value Winter (SI)	5.91
Total Solar Energy Rejected (%)	17%
Mechanical Properties	
Thickness	4 mil
Tensile Strength at Break	28,500 PSI
Break Strength	112 lb/ inch
Elongation at Break	125%
Peel Strength	7 lb/ inch
Safety Testing	
Impact	
AS/NZS 2208	√
EN 12600 2B2	√
Anti Graffiti	
Paris Metro Anti Graffiti	√

** Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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