PROTECTIVE **XL700GGF**

ProTective XL700GGF is a protective film specifically engineered to extend the life of Glass surfaces. Millions of dollars are spent annually replacing scratched and damaged surfaces as a result of vandalism.

ProTective XL700GGF is multi-functional and an ideal cost-saving solution for the Public Transport industry (Trams, Trains and Buses; Bus Shelters; Bus and Train Stations; Ticket Booths) and for Architectural applications (Hospitals and Mental Health Facilities; Schools; Prisons; Shopping Centres, Retail and Convenience Stores).

ProTective XL700GGF is a Sacrificial Film, after damage has occurred the film can then be removed and replaced easily and onsite by an approved installer, therefore providing a cost-effective alternative to total glazing replacement.

ADVANTAGES

- Deters smash and grab burglaries
- Protects against costly fading (eg. merchandise, fabric)
- Increased Safety: Helps hold shattered glass together
- Increases durability: Protects underlying surface
- Easily maintained & removed (eg. Anti-Graffiti applications)

PHYSICAL PROPERTIES:

Film Thickness_____.007"
Structure_____Single-Ply
Tensile Strength_____25,000 PSI
Break Strength____175 Pounds Per Inch (Width)
Adhesive Type_____Acrylic Pressure Sensitive
Peel Strength_____5 to 6 Pounds Per Inch

PERFORMANCE DATA:

Total Solar Energy:

Transmitted_____83%
Reflected_____9%
Absorbed_____8%

Visible Light:

Transmitted_____88%
Reflected Interior_____9%
Reflected Exterior_____10%

U Value: 1.10
Emissivity_____.87
Ultraviolet Light Rejected_____99%
Glare Reduction_____2%
Luminous Efficacy_____.91
Shading Coefficient_____.97
Solar Heat Gain Coefficient_____.84
IR Rejection_____18%

Total Solar Energy Rejected_____15%

Performance on Non-Residential Installed Windows:**

	SHGC w/out Film	SHGC with Film	VLT w/out Film	VLT with Film
6mm (1/4in.) clear	0.73	0.90	0.78	0.88
6mm (1/4in.) grey	0.52	0.67	0.39	0.49
6mm (1/4in.) clear 6mm (1/4in.) clear †	0.63	0.79	0.69	0.75
6mm (1/4in.) grey 6mm (1/4in.) clear †	0.41	0.54	0.35	0.43

**As certified by the National Fenestration Rating Council (NFRC)   † Dual pane window