



Characteristics & Benefits	Performance data*
Security window film	Visible Light Transmission 88%
Clear appearance	Visible Light Reflection - Exterior 10%
Increased glass durability	Glare Reduction 2%
Helps to hold broken pieces of glass together	Coefficient of Total Energy Transmission (g Value) 0.83
Thickness: 325 microns (0.013 inches)	Total Solar Energy Rejected 17%
Manufacturer's limited warranty: 10 years	UV Transmission <1%

Test Reports

Test Standard	Classification	Explanation
EN356 Glass in building - Security glazing - Testing and classification of resistance against manual attack	P2A	EN356 is a European Standard for glazing to withstand an intruder attack. <ul style="list-style-type: none"> The test uses a steel ball (4.11kg (9lb)) to represent a manual attack. SCL SR PS13 passes (the ball does not penetrate the glass) at P2A drop height 3000mm (118 inches). Test conducted on clear annealed glass, with a nominal thickness of 4.2mm (0.16 inches).
EN12600 Glass in building, pendulum test - Impact test method and classification for flat glass	2B2	EN12600 is a European Standard for Safety Glazing to withstand impact. Impact testing continued until all 3 drop heights (190mm/ 7.5 inches, 450mm/17.7 inches and 1200mm/47.2 inches) were completed 4 times or until a specimen failed to meet the test performance requirements. Specimens were impacted from the following drop heights: <ul style="list-style-type: none"> SCL SR PS13 achieves a performance classification of 2B2 (450mm/17.7 inches drop height). Test conducted on a nominal thickness 4mm annealed glass.

Installation notes

Internal installation.

Safety and security films must be installed by trained and qualified personnel. Use Film On solution for installation. Please contact your LLumar representative for appropriate installation guidelines for installing safety films.

General notes

The company provides the results of performance testing to indicate the suitability of a film for specific applications. Test characteristics, such as tensile strength, elongation at break, yield strength, etc. are not performance based and therefore may not indicate if a film is more or less suitable than another film choice for a specific application. Therefore, these parameters are excluded from this data sheet. In some cases, additional performance parameters may be available on request.

Please check the complete Film to Glass Thermal Stress Compatibility Guidelines before film installation; contact your LLumar representative for full details.

* Data captured using National Fenestration Rating Council's (NFRC) guidelines on single pane, nominal 1/8 inch (3mm) clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.

Datasheet created on 03/18. For a more recent version please contact your LLumar representative.

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