

LLumar Safety and Security Film

Specification Data

Film-to-Glass Specification		Safety			Windborne Debris Protection								Blast Mitigation						Security
1/8" Annealed	LLumar 4 mil	•	•	•															
3/16" Tempered	LLumar 6 mil	•	•	•	①	①	①	①	①		①								
1/8" Annealed	LLumar 7 mil	•	•	•															
1/4" Annealed	LLumar 7 mil	•	•	•											•				
3/16" Tempered	LLumar 8 mil	•	•	•	①	①	①	①	①		①								
1/4" Annealed	LLumar 8 mil	•	•	•	①	①	①	①		①	①				①②③	①		②	
1/4" Tempered	LLumar 8 mil	•	•	•								①	①	③	①②				
Dual Pane* (1/4" Annealed)	LLumar 8 mil	•	•	•	①	①	①	①	①	①	①			①③					
Dual Pane* (1/4" Tempered)	LLumar 8 mil	•	•	•	①	①	①	①	①	①	①		①③						
1/4" Tempered	LLumar 11 mil	•	•	•	①	①	①	①		①	①								
1/4" Annealed	LLumar 15 mil**	•	•	•															•
Dual Pane* (1/4" Annealed)	LLumar 15 mil**	•	•	•											①	①	①		•



- * On IGU: Only pane with film is protected.
- ** LLumar 15 Mil Product Code SCL SR MPS15
- † CPSC and ANSI Testing on IGU: Only interior pane of unit is protected with film.
- Included

- ① With Wet Glaze Attachment System
- ② With Gullwing or LLumar Elite Attachment System
- ③ With FrameLok Attachment System

NOTICE ABOUT STANDARDS MENTIONED ABOVE: The testing referenced on this document was conducted on complete window systems. A window system is comprised of components such as: Film, glass, attachment system, frame type (material and shape), anchoring etc. Results and claims are valid only when the safety film is installed as tested. A licensed professional engineer must sign off and approve the testing on systems that differ from tested samples.

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