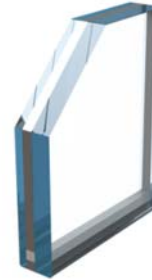


CLASSIFICATION

PRODUCT FEATURES



Multi-layer glass clad polycarbonate and fire-resistant glass laminate

TECHNICAL SPECIFICATIONS

Fire Resistive US Testing/Compliant	90 Minutes Listed and labeled with Underwriter Laboratories Inc., File #R14515, #R22066 Tested in accordance with ASTM E119, NFPA 251, 252, 257, UL 263, UL9, UL 10B, UL 10C
CAN Testing/Compliant	CAN/ULC – S101, S104, S106
Impact Safety Rating	CPSC 16CFR PART 1201 (Categories I and II), CAN/CGSB-12.1-M, ANSI Z97.1
Applications	Doors, Windows, Transoms, Side lites

AUTHORIZED DIMENSIONS

Inferno-Lite ULTIMAX 90		Protection Level	Nominal Glass Thickness	Glass Weight, lbs./sf	Dimensions					
Category	Product Code				Doors		Max. Exposed Area (in ²)	Window/Transom/Side lite		Max. Exposed Area (in ²)
					Max. Exposed			Width	Height	
					Width	Height	Width			Height
Detention	90-2119G	HP White Level I-TP-0500.02	1.95	18.60	35-3/4	88-9/16	3,166	60	88-9/16	3,174
	90-2117G	HP White Level I-TP-0500.03 ASTM F 1915, Grade 4	2.0	19.2	35-3/4	88-9/16	3,166	60	88-9/16	3,174
	90-2116G	HP White Level II-TP-0500.02 ASTM F 1915, Grade 3	2.2	20.2	35-3/4	88-9/16	3,166	60	88-9/16	3,174
	90-SP019G	HP White Level III-TP-0500.03 ASTM F 1915, Grade 2 WMFL Level III	2.2	20.1	35-3/4	88-9/16	3,166	60	88-9/16	3,174
	90-SP028G	HP White Level IV-TP-0500.03 ASTM F 1915, Grade 1 WMFL Level II	2.46	21.7	35-3/4	88-9/16	3,166	60	88-9/16	3,174
	90-SP035G	ASTM F 1915, Grade 1 WMFL Level I	2.7	25.20	35-3/4	88-9/16	3,166	60	88-9/16	3,174
Bullet Resistance	90-SP175G	UL 752 Level 1 NIJ Level IIA	2.2	21.8	35-3/4	60	2,145	48	60	2,880
	90-SP311G	UL 752 Level 3	2.6	26.8	35-3/4	84	3,003	60	84	3,174
	90-SP412G	UL 752 Level 4 NIJ Level IIIA	2.7	28.5	35-3/4	84	3,003	60	84	3,174
Burglary	90-SP916UG	UL 972 Burglary Resistant	2.0	21.00	35-3/4	88-9/16	3,166	60	88-9/16	3,174

Inferno-Lite ULTIMAX 90 combines the broadest range of fire and security glazing on the US market. A bullet resistance rating of level 8 can be achieved as either a monolithic or IGU make-up. Use for interior or exterior applications.