

CLASSIFICATION

PRODUCT FEATURES



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

TECHNICAL SPECIFICATIONS

Fire Resistive
US Testing/Compliant
CAN Testing/Compliant
Impact Safety Rating
Nominal Thickness
Applications

45 Minutes
UL Labeled and Listed (Underwriter Laboratories Inc., File #R14515)
Tested per NFPA 80, NFPA 252, NFPA 257, UL 10C
CAN/ULC – S104, S101, S106
CPSC 16C PART 1201 (Categories I and II)
Doors, Windows, Transoms, Sidelite

AUTHORIZED DIMENSIONS

Inferno-Lite ULTIMAX 45		Protection Level	Nominal Glass Thick, in	Glass Weight, lb/sf	Dimensions					
Category	Product Code				Doors			Window/Transom/Sidelite		
					Max. Exposed		Max. Exposed Area (in ²)	Max. Exposed		Max. Exposed Area (in ²)
					Width	Height		Width	Height	
Detention	45-2119-G	HP White Level I-TP-0500.02	1.268	12.9	35-13/16	95-1/2	3419	60	95-1/2	3419
	45-2117-G	HP White Level I-TP-0500.02 ASTM F 1915, Grade 4	1.370	13.5	35-13/16	95-1/2	3419	60	95-1/2	3419
	45-2116-G	HP White Level I-TP-0500.02 ASTM F 1915, Grade 3	1.525	14.5	35-13/16	95-1/2	3419	60	95-1/2	3419
	45-SP019-G	HP White Level IV-TP-0500.02 ASTM F 1915, Grade 4 WMFL Level III	1.513	14.4	35-13/16	95-1/2	3419	60	95-1/2	3419
	45-SP028-G	HP White Level IV-TP-0500.02 ASTM F 1915, Grade 1 WMFL Level II	1.770	16.0	35-13/16	95-1/2	3419	60	95-1/2	3419
	45-SP035-G	ASTM F 1915, Grade 1 WMFL Level I	2.025	19.5	35-13/16	95-1/2	3419	48	60	3419
Bullet Resistance	45-SP175-G	UL 752 Level 1	1.492	16.1	35-13/16	60	3419	60	84	3419
	45-SP311-G	UL 752 Level 3	1.873	21.1	35-13/16	84	3419	60	84	3419
	45-SP412-G	UL 752 Level 4 NIJ Level IIA	2.022	22.8	35-13/16	84	3419	60	95-1/2	3419
Burglary	45-SP916U-G	UL 972 Burglary Resistant	1.354	15.3	35-13/16	95-1/2	3419	60	95-1/2	3419

Inferno-Lite ULTIMAX 45 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.