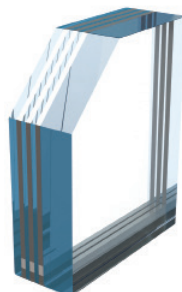


# CONTRAFLAM® ULTIMAX 60

Fire-Rated Clear Detention and Bullet-Resistant Safety Glass

## CLASSIFICATION

## PRODUCT FEATURES



## TECHNICAL SPECIFICATIONS

Fire Rating	60 Minutes
US Testing/Compliant	Listed and labeled with Underwriters Laboratories Inc. File #R14515, #R22066 Tested in accordance with ASTM E119, NFPA 80, 251, 252, 257, UL 10B, UL 10C, UL 263
Canadian UL Listing	CAN/ULC-S104. S101, S106
Impact Safety Rating	CPSC 16CFR Part 1201 (Categories I & II), CAN/CGSB-12.1-M, ANSI Z97.1
Applications	Doors, Windows, Transoms, Sidelites

## AUTHORIZED DIMENSIONS

ULTIMAX System		Protection Level	Total Nominal Glass Thickness	Total Glass Weight (lbs./SF)	Dimensions					
Category	Product Code				Doors			Window/Transom/Sidelite		
					Max. Exposed		Max. Exposed Area (sq in.)	Max. Exposed		Max. Exposed Area (sq in.)
					Width	Height		Width	Height	
Detention	60-2119-V	- HP White Level I-TP-0500.02	1-3/16	13.70	30	89 1/2	2685	60	94-13/16	4449
	60-2117-V	- HP White Level I-TP-0500.02 - ASTM 1915 Grade 4	1-5/16	14.13	30	89 1/2	2685	60	94-13/16	4449
	60-SP019-V	- HP White Level III-TP-0500.02 - ASTM 1915 Grade 2 - WMFL Level III	1-1/2	14.86	30	89 1/2	2685	60	94-13/16	4449
	60-SP028-V	- HP White Level IV-TP-0500.02 - ASTM 1915 Grade 1 - WMFL Level II	1-3/4	16.46	30	89 1/2	2685	60	94-13/16	4449
	60-SP035	- ASTM 1915 Grade 1 - WMFL Level I	2	19.60	30	89 1/2	2685	60	94-13/16	4449
Bullet Resistance	60-SP175	- UL 752 Level 1	1-1/2	16.44	30	60	1800	48	60	2880
	60-SP311	- UL 752 Level 3	1-7/8	21.49	30	84	2520	60	84	4449
	60-SP412	- UL 752 Level 4 - NIJ Level IIA	1-15/16	23.34	30	84	2520	60	84	4449
Burglary	60-SL916U	- UL 972 Burglary Resistant	1-5/16	15.80	30	89 1/2	2685	60	94-13/16	4449

CONTRAFLAM Ultimax 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. For ASTM E119 / UL263 applications the maximum ballistic level rating will be UL752, Level 3. NOTE: Contraflam 60, 90, 120 products are available with DIAMANT® Low Iron.

Rev. 6.9.16 The information published in this document is correct at the time of going to press. Such information may be subject to change and products may be modified.