

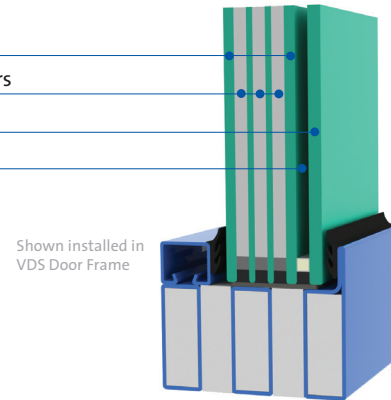
Fire Rated Clear Tempered Safety Glass - Exterior Application

CLASSIFICATION



PRODUCT FEATURES

- Tempered safety glass
- Intumescent interlayers
- Outboard lite¹
- Air space



TECHNICAL SPECIFICATIONS

Fire Resistive	90 Minute
Testing / Compliant	Listed and labeled with Underwriters Laboratories Inc. File #R14515 Tested listed with ASTM E 119, NFPA 80, NFPA 251, NFPA 252, NFPA 257, UL 10C, UL 263 CPSC 16CFR Part 1201 (CATEGORIES I & II)
Impact Safety Rating	
Nominal Thickness	1-7/8" (47 mm) typical (based on 1/4" Low-E - 1/4" air - CF90) ¹
Thickness Tolerance	0.180" to 0.199" (4.57 mm to 5.05 mm)
U value (BTU/hr*sqft/°F)	0.34
STC Rating	47
Weight (lbs/sq.ft.)	24
Visible Light Transmission	~70%

AUTHORIZED DIMENSIONS

Rating	Application	Max Exposed Area of Glass (Sq In.)	Max Width of Exposed Glass	Max Height of Exposed Glass	Min Depth of Groove	Groove Width	Building Code 2 Marking	UL Design 2 Numbers
1-1/2 hr	Door	3174	35-3/4"	88-9/16"	13/16"	1-11/16"	D-H-NT-90	
1-1/2 hr	Window Transom Sidelite	3174	88-9/16"	88-9/16"	13/16"	1-11/16"	D-H-NT-90 OH-90	U548

¹ See Glass Options Page

² See Reference Page