

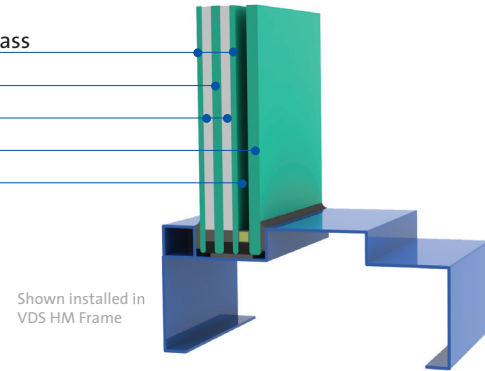
Fire Rated Clear Safety Glass Ceramic - Exterior Application

CLASSIFICATION



PRODUCT FEATURES

- Tempered or Laminated Safety Glass
- Glass Ceramic
- Intumescent Interlayer
- Outboard lite¹
- Air space



TECHNICAL SPECIFICATIONS

Fire Resistive	20 – 180 Minute
Testing / Compliant	Listed and labeled with Underwriters Laboratories Inc. File #R14515 Tested in accordance with UL 9, UL 10C, NFPA 80, NFPA 251, NFPA 252 NFPA 257
Impact Safety Rating	CPSC 16CFR PART 1201 (CATEGORIES I & II)
Nominal Thickness	1 1/4" (31 mm) typical (based on 1/4" Low-E - 1/4" air - 3/4" Ultra) ¹
Thickness Tolerance	0.719" to 0.781"
U value (BTU/hr*sqft/°F)	0.38
STC Rating	42
Weight (lbs/sq.ft.)	8.5
Visible Light Transmission	~ 83%

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
3/4 hr	Door-Non Temp Rise	2736	46-1/2"	76"	5/8"	1-3/8"	D-H-NT-45
3/4 hr	Window, Transom, Sidelite	2736	60-1/2"	76"	5/8"	1-3/8"	D-H-NT-45, OH-45
1 hr	Door-Non Temp Rise	2736	46-1/2"	76"	5/8"	1-3/8"	D-H-NT-60
1 hr	Door-Temp Rise	100	10"	33"	5/8"	1-3/8"	D-H-NT-60
1 hr	Window, Transom, Sidelite	2736	46-1/2"	76"	5/8"	1-3/8"	D-H-NT-60, OH-60
1-1/2 hr	Door-Non Temp Rise	2736	46-1/2"	76"	5/8"	1-3/8"	D-H-NT-90
1-1/2 hr	Door-Temp Rise	100	10"	33"	5/8"	1-3/8"	D-H-NT-90
1-1/2 hr	Window, Transom, Sidelite	2736	60-1/2"	76"	5/8"	1-3/8"	D-H-NT-90, OH-90
3 hr	Door-Temp Rise	100	10"	33"	5/8"	1-3/8"	D-H-NT-180

¹ See Glass Options Page

² See Reference Page