

## Fire Resistant Laminated Safety Glass Ceramic

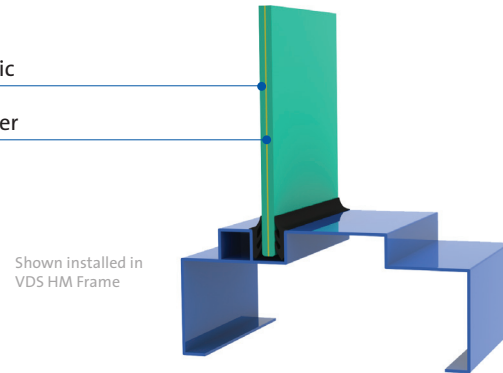
### CLASSIFICATION



### PRODUCT FEATURES

Fire resistant glass ceramic

Safety laminated interlayer



Shown installed in VDS HM Frame

### 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 CPSC 16 CFR Part 1201 (CATEGORIES I & II)
Impact Safety Rating	
Nominal Thickness	5/16" (8 mm)
Thickness Tolerance	0.292" to 0.332"
U value (BTU/hr*sqft/°F)	1.02
STC Rating	32
Weight (lbs/sq.ft.)	4.5
Visible Light Transmission	~ 80%

### 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 Marking <sup>1</sup>
3/4 hr	Door - Non Temp Rise	3627	46-1/2"	78"	5/8"	5/16", 7/16"	D-H-NT-45
3/4 hr	Window, Transom, Sidelight	3627	46-1/2"	78"	5/8"	5/16", 7/16"	D-H-NT-45, OH-45
1 hr	Door - Non Temp Rise	3627	46-1/2"	78"	5/8"	5/16", 7/16"	D-H-NT-60
1 hr	Door - Temp Rise	100	10"	33"	5/8"	5/16", 7/16"	D-H-NT-60
1 hr	Window, Transom, Sidelight	3627	46-1/2"	78"	5/8"	5/16", 7/16"	D-H-NT-60, OH-60
1-1/2 hr	Door - Non Temp Rise	3534	46-1/2"	76"	5/8"	5/16", 7/16"	D-H-NT-90
1-1/2 hr	Door - Temp Rise	100	10"	33"	5/8"	5/16", 7/16"	D-H-NT-90
1-1/2 hr	Window, Transom, Sidelight	2736	60-1/4"	76"	5/8"	5/16", 7/16"	D-H-NT-90, OH-90
3 hr	Door - Non Temp Rise & Temp Rise	100	10"	33"	5/8"	5/16", 7/16"	D-H-NT-180

<sup>1</sup> See Reference Page