

Constructional data

property name + additional info	value	unit
Thermal Transmittance: (/ASTM C1363/) with Thermal Break Frame	0.29	U-Factor
Thermal Transmittance: (/ASTM C1363/) with Thermal Break Frame,	3.4	R-Value
Thermal Transmittance: (/ASTM C1363/) with kerf frame	0.36	U-Factor
Thermal Transmittance: (/ASTM C1363/) with kerf frame	2.7	R-Value
Physical endurance testing: Exceeds /ANSI A250.4/ performance test, level A (1,000,000 cycles) class 1 stiffness	4,800,000	cycles
Hurricane rating: Up to +/- 100 psf 3'0" x 7'0" single or +/- 70 psf 4'0" x 8'0" single with weather kerf frame & cylindrical lock, mortise lock or rim exit device. /ANSI A250.13/, /ASTM E330/, /ASTM E1886/, /ASTM E1996/, /TAS-201/, /TAS-202/, /TAS-203/	3'0"x7'0" Single +/-100 4'0"x8'0" Single +/-70	psf
Fire rating: Up to and including 3 hours 4'0"x 8'0" singles and 8'0"x 8'0" pairs (/UL10C/) UL Agency 4'0" x 8'0" singles Warnock Hersey agency 90 minute max	UL -Up to 180 min 4'0"x 8'0" singles & 8'0" x 8'0" pairs WH 90 min 4'0" x 8'0" singles	minute
Air Infiltration: CFM=cubic feet per minute, /ASTM E283/ operable tested with ASSA ABLOY Hardware, Sargent, Corbin Russwin, Yale, Pemko, McKinney	0.04	cfm/sqft
Air Infiltration: CFM=cubic feet per minute, /ASTM E283/ operable tested with ASSA ABLOY Hardware, Sargent, Corbin Russwin, Yale, Pemko, McKinney	0.06	cfm/lnft
Airborn Sound Transmission /ASTM E90/ and /ASTM E413 /- Sound Transmission Class (STC) F Design, 18 Ga Face Sheets, (Fully Operable) 4'0" x 8'0" maximum size	30	STC

<p>Blast Resistance: /UFC 4-010-01/, /GSA TS-01/, /ASTM F2248/, /ASTM F2247/, /ASTM F1642/, /F2927/ Singles seated 2'6"x 6'8" up to 4'0"x 8'0" Flush or Up to Half Glass</p>	<p>4,6,12</p>	<p>psi</p>
<p>Blast Resistance: /UFC 4-010-01/, /GSA TS-01/, /ASTM F2248/, /ASTM F2247/, /ASTM F1642/, /F2927/ Singles seated 2'6"x 6'8" up to 4'0"x 8'0" Flush or Up to Half Glass</p>	<p>28,42,89</p>	<p>psi/msec</p>