

2 HOUR WALL RATED FIRE RESISTANT GLASS BLOCK



1919/13 F-120

Fire Resistant for up to 2 Hour Rating in Vertical Panels

Maximum panel size of 144 Ft² with Max. Height of 20ft or Max. Width of 25ft

USE OF A MASONRY OR CONCRETE CHASE, ANGLE IRON OR FORMED CHANNEL RESTRAINT
REQUIRED TO CONFORM WITH ASTM STANDARD

Actual: 190mm X 190mm X129.8mm 7.48in. X 7.48in. X 5.11in.

U.S. Test Method: ASTM E-119-20 Fire Resistant Test for non-loadbearing
UL 263-19 glass block wall assemblies
CAN/ULC-S101-14

EU. Test Classification: CSN EN 13501-2:2017 Fire Separating Construction
EU. Test Method: CSN EN 1364-1 Fire Resistant Test for non-loadbearing
elements – Part 1: Walls

Weight per block: 11.25 lbs. (w/ mortar 30 lbs./sf)
Compression Strength: 9.0 (MPa) - 1305.34 (PSI)
Light Transmittance: See Chart Below
SHGC (g-value): See Chart Below
U-Value: 0.277 (Btu/hr ft² °F)
R-Value: 3.61 (hr ft² F/Btu)

Glass Block 1919/13 F120		
TYPE	Light Transmittance $T_v (1)$	Solar Heat Gain Coefficient
Clear	0.69	0.64
1S	0.6	ext. 0.57 / int. 0.63
2S	0.51	0.56