

Glass Blocks

[See General Information for Glass Blocks](#)

SEVES SPA

R11679

VIA R GIULIANI 360

50141 FIRENZE, ITALY

Rating	In Masonry Walls Rated 1H or 2H		In Non-Masonry Walls Rated 1H	
	Max Height or Width	Max Sq Ft	Max Ht or Width	Max Sq Ft
45 min. rating	12'0"	120	10'-9"	94
60 min. rating	10'0"	100	10'-9"	94
90 min. rating	10'0"	100	11'0"	94
45 Min. Rated Patterns		Imperial Sizes		Metric Sizes
Aktis, Arctic, Clarity, Cortina, Nubio, Pearl, Regent, Spray, Wolke, X-Rib, KG, BKG, PG, Blendarm, Perlmutter, Klarsicht, Perlmosaik, Welle, Nobless, Inka, Maya		8x8x4, 6x8x4, 6x6x4, 4x8x4 8x8x3, 6x8x3, 6x6x3, 4x8x3		1919/100, 1919/80, 1909/80, 1111/80
60 Min. Rated Patterns			Imperial Sizes	Metric Sizes
Clarity 60, Cortina 60, Nubio 60, Arctic Fortress, Clarity Fortress, Nubio Fortress, Ribbed Fortress, SHS Arctic, SHS Clarity, SHS Wolke, SHS Nubio, SHS FKG			8x8x4	1919/100
90 Min. Rated Patterns			Imperial Sizes	
Clarity 90			6x6x4	

Notes:

1. Face sizes are nominal and are 1/4" less than stated. Blocks stated as 3" thick are 3-1/8" and 4" thick are 3-7/8".
 2. Blocks may be clear or tinted.
 3. Mortar joints to be 1/4 inch thick or more with Type N mortar.
 4. Sills of concrete or masonry shall be coated with asphalt emulsion to provide for expansion of the panel.
 5. For installation in fire-rated walls, panels may be secured by either (a) channel (45, 60 or 90 minutes) or (b) panel anchor construction (45 or 60 minutes).
 - a. Channel construction. Glass block at jambs to be placed 1" to 1-1/2" deep recess. Recess to be formed of masonry or 1-1/2" deep steel channel. Steel channel to be 14 gage hollow metal for 45 or 60 minute openings and steel with 1/4" thick flanges for 90 minute openings. Steel channel shall be secured with 3/8" bolts with heavy galvanized washers in 2" slotted holes spaced 12" on center.
- Panel anchors. Panel anchors are 24" x 1-3/4" x 20 gage straps. Panel anchors must be galvanized after fabrication. Panel anchors shall be installed in the horizontal joint above the first course of block and then in every second horizontal joint above. Panel anchors shall extend 12" into each joint. Secure panel anchors with.
6. The horizontal mortar joint above the first course to be reinforced with 9x14 AWG galvanized wire and also every second mortar joint above. If panel anchors are used, overlap anchors 6" with reinforcing wire. If channels are used, extend reinforcing wire into channels.
 7. Allow 3/8" space at jambs and head and fill with glass fiber, polyethylene or mineral wool caulk with silicone.
 8. The blocks noted under 1-1/2 h or 1 h "Rating" and those 8 in. x 8 in. x 4 in. sized glass blocks noted under 3/4 h "Rating" are classified for use in masonry walls as curved window assemblies provided that the maximum allowable curvature does not exceed a ratio of 2:1 with respect to length of radius to length of assembly width.

NON-MASONRY APPLICATION:The blocks are classified for use in Non-Masonry walls as described in the manufacturers installation instructions for Non-Masonry Wall Construction and Frame Installation.

ACCESSORIES:Glass block 3-7/8 in. (98 mm) thick for installation rated up to 1 hr. may be provided with plastic spacers, according to manufacturer's installation instruction.

Panel anchors 24 in. by 1-3/4 in. by 24 gauge anchors may be used for masonry installations and for some non-masonry (see manufacturer's installation instructions) installations.

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