



KCJU7.R11679 Glass Blocks Certified for Canada

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VITRABLOK S.R.O

R11679

Bilinska 42

419 01 Duchcov, CZECH REPUBLIC

Rating	In Masonry Walls		In Non-Masonry Walls	
	Max Height or Width	Max Area	Max Height or Width	Max Area
45 mm	3658 mm	7.75 sq m	3277 mm	6.07 sq m

Products	Rating	Width (mm) x Height (mm) x Thkns (mm)
Nubio/Walke	45 min	203 x 203 x 79, 152 x 203 x 79, 152 x 152 x 79, 102 x 203 x 79, 203 x 203 x 98, 152 x 152 x 98, 102 x 203 x 98
Parallel Rib		
Nobless		
Inka		
Maya		
Blendarm Light Diffusing		
Crossribbed		
Broad Parallel Ribbed		
Weile		
Helios		
Metalic		
Broad Cross Ribbed		
Clearview		
Meteor		
Regent		
Aktis		
Savona		
Spray		

Products	Rating	Width (mm) x Height (mm) x Thkns (mm)
Aktis	45 min	197 x 197 x 98.4
Clarity		
Nubio		
Spray		
Nubio - (Gold-Tone)		

X-Rib

1. Blocks may be clear or tinted.
2. Mortar joints to be 6 mm (1/4 in.) thick or more with Type N mortar.
3. Sills of concrete or masonry shall be coated with asphalt emulsion to provide for expansion of the panel.
4. For installation in fire-rated walls, panels may be secured by either.
 - (a) channel or (b) panel anchor construction.
 - a. Channel construction. Glass block at jambs to be placed 25 to 38 mm deep recess. Recess to be formed of masonry or 38 mm deep steel channel. Steel channel to be 1.9 mm hollow metal or steel with 6 mm thick flanges. Steel channel shall be secured with 10 mm bolts with heavy galvanized washers in 50 mm slotted holes spaced 300 mm on center.
 - b. Panel anchors. Panel anchors are 610 mm x 44 mm x 0.9 mm 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 300 mm into each joint. Secure paned anchors with ____.
5. The horizontal mortar joint above the first course to be reinforced with 9 x 1.9 mm galvanized wire and also every second mortar joint above. If panel anchors are used, overlap anchors 150 mm with reinforcing wire. If channels are used, extend reinforcing wire into channels.
6. Allow 10 mm space at jambs and head and fill with glass fiber or mineral wool and caulk with silicone.
7. The 203 x 203 x 98 sized glass blocks 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.

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