

SEVES



VetroQUICK

Glass Block Installation System

INSTRUCTIONS

simple, quick, safe, mortar-free

FOR USE WITH DESIGN IT SERIES
GLASS BLOCK ONLY.



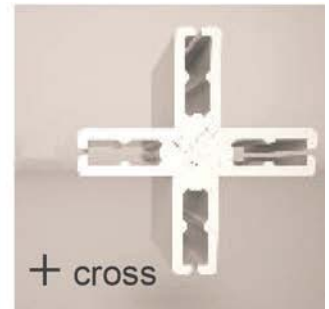
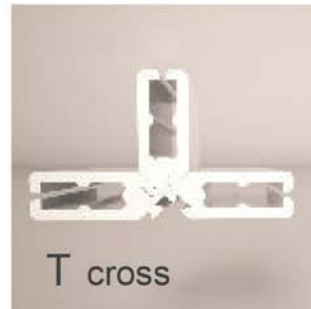
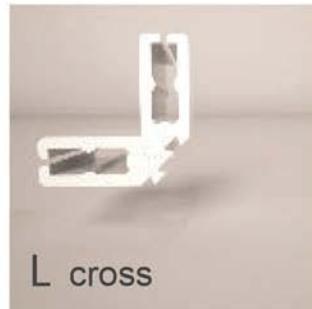
SEVES GLASS BLOCK
RGF INDUSTRIES, INC.
(412) 449-0044

VetroQUICK is not approved for use in projects requiring safety glazing. The user is responsible for determining if their project needs to meet safety glazing specifications.

VetroQUICK is a dry installation system for creating glass block walls simply, quickly and safely. VetroQUICK simplifies installation with the use of a few accessories: **A Profile and a Cross Connector.**

Accessories:

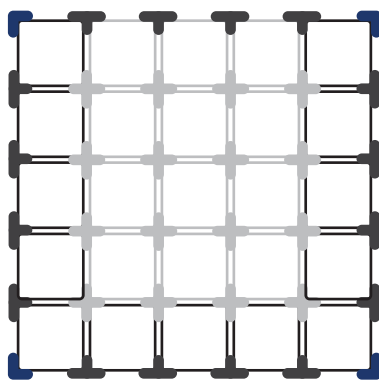
Prepare the cross connector for use in different locations of the wall



"L" cross: to be used at the corners of the wall

"T" cross: to be used on the perimeter of the wall (except the corners of the wall)

"+" cross: to be used between the glass blocks (except the perimeter and the corners)



 "L" cross

 "T" cross

 "+" cross

No. of profiles needed for
5 block x 5 block project framed on four sides: 60 pcs.

No. of crosses needed for
5 block x 5 block project framed on four sides: 36 pcs.



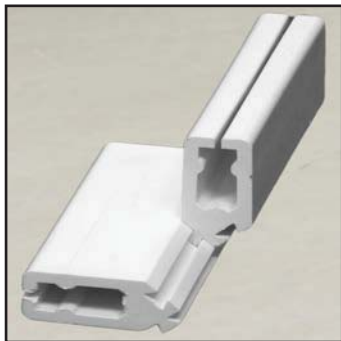
IMPORTANT:

Please read before beginning installation.

- VetroQUICK is not approved for use in projects requiring safety glazing. The user is responsible for determining if their project needs to meet safety glazing specifications
- See **Notes & Recommendations Section** at end of installation instructions before starting your project.
- It is very important that the opening in which your glass block project will be installed is plumb and level.
- Watch the "How-To" video at www.VetroQuick.com.

1 Prepare the cross connectors

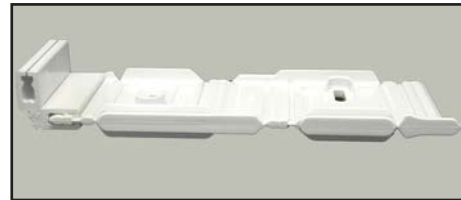
By sliding one leg into another, prepare an "L" cross for each of the bottom corners of your project. Prepare "T" crosses, one for each glass block in your first course.



Preparing an "L" cross

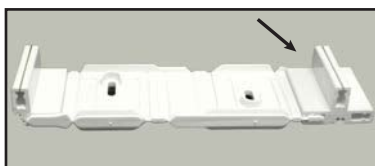
2 Add profiles to crosses

Insert a profile into the "L" cross. This combination of a "L" cross and profile will start the bottom corner of your project.



An "L" cross connected to a profile

3



Then insert the opposite end of the profile into a "T" cross.

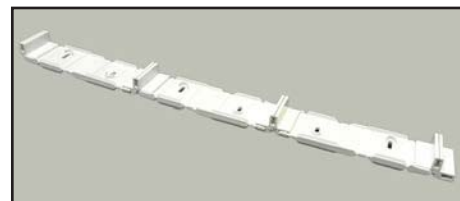


At this step, profiles may be "slid" into the leg of a cross.

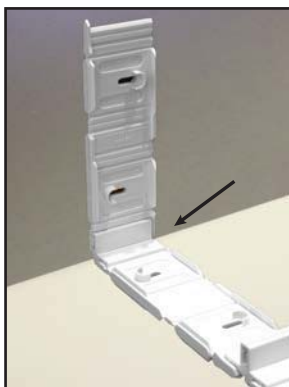
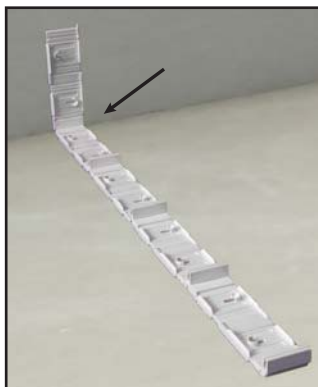
4

Add profiles to crosses

Repeat this process until you have created a series of profiles and "T" crosses the length of your project.



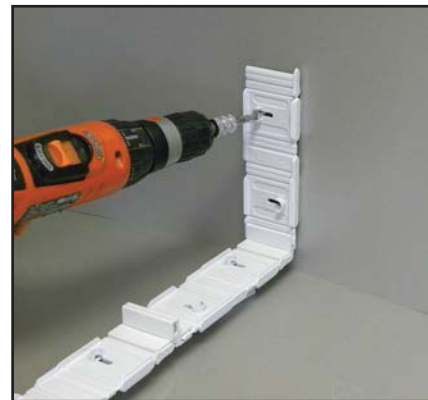
5



Using the "L" cross connector, connect this strip of profiles and T connectors together with a profile to create a 90 degree corner.

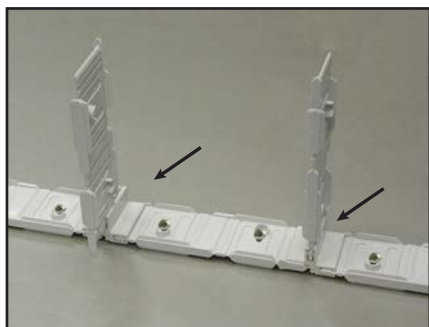
6

Screw this "L" shaped strip to the curb & wall (or jamb). Make sure to use a screw that is appropriate for the material to which you are attaching the strip. This strip will act as your floor and wall anchors.



7

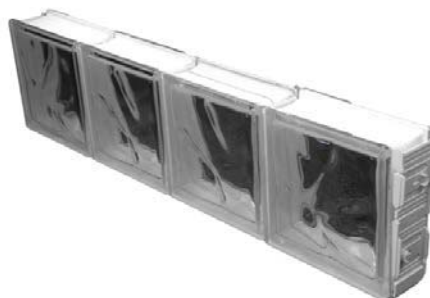
Next, insert profiles vertically into the "T" connectors which have been secured to the floor or curb. Each profile may be slid into the upright leg of a "T" connector.



8

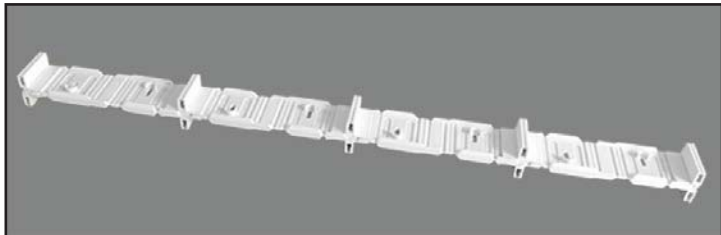
Insert Glass Block

Place the glass blocks between the vertical profiles. Repeat until first row or course is completed.



9 Start The Next Course

Create another strip of profiles and "+" cross connectors the length of your project. Use "T" crosses on the end(s) of the strip that will be in contact with a wall or jamb.



NOTE: Always check for square & plumb as you complete each course

- 11 Add more vertical profiles by sliding the profile into the "+" connectors.



NOTE:

As you progress with each course, the vertical profiles positioned against the wall or jamb must be securely screwed into place before setting the glass blocks.

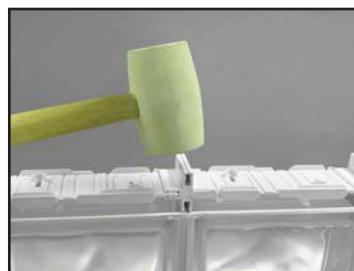


12 Repeat until your project is complete.

Continue assembling profiles, cross connectors and glass blocks until your project is built.



- 10 Connect the "+" shaped connectors to the vertical profiles which are now between each glass block by gently tapping with a rubber mallet.



NOTE:

Make sure the leg of the connector is aligned with the vertical profiles before using the mallet. (The leg must "clip" over the end of the profile in order to securely hold your project.



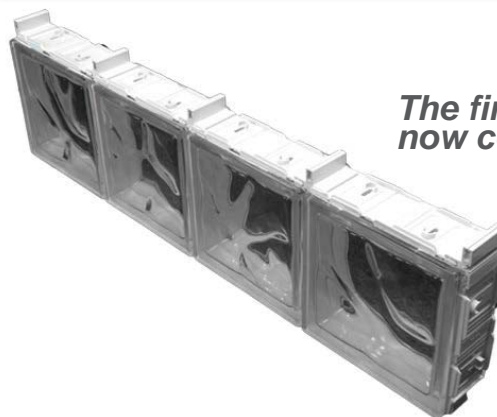
Leg to Profile Attachment



Correct



Incorrect



The first course is now complete.

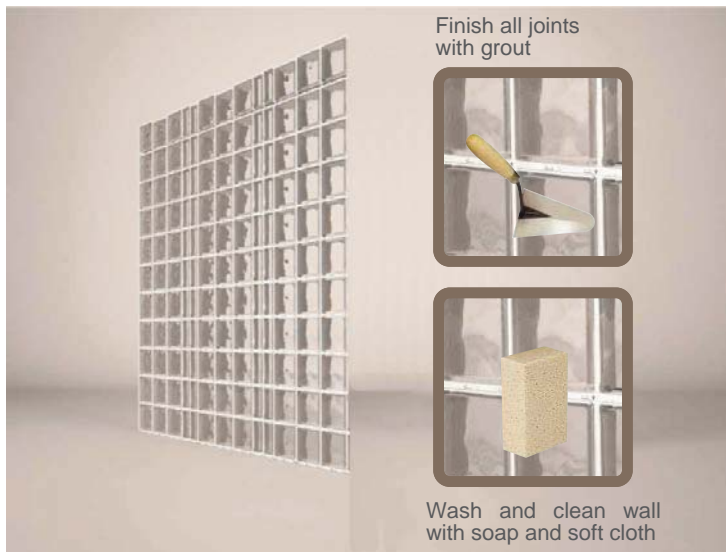
FINISH

Joints may be finished with a sanded or urethane grout.

Urethane Grout Finish

Follow directions for mixing, application and cleaning on the grout packaging.

- Using a rubber trowel, fill the joints with the grout
- After the grout has dried, but before it has hardened, clean the joints with a sponge
- Perform finishing work on the joints before they harden



SPECIAL NOTES AND RECOMMENDATIONS:

- These instructions are intended for general reference only and should not be solely relied on for information needed for a particular project
- Perform a "trial" layout with your first course of block. Create the initial strip of profiles and connectors. Lay this strip in place. Set the first course of glass blocks and insert a profile vertically between each block. Insert a profile between the block and the jambs or wall. Once your first course is properly aligned, using a pencil, mark the outline of the glass block on the floor or curb. Remove block and trace the location of the profiles. Make sure these lines are square and level.
- If the project is created with a curb or jamb make sure the curb and jamb are securely fastened to the floor and wall and are square, plumb and level before proceeding.
- Make sure the material the glass block will be attached to is strong enough and will bear the project's weight.

ENJOY YOUR BEAUTIFUL NEW GLASS BLOCK PROJECT!



SPECIAL SHAPES

NOMINAL 4" X 8"



For nominal 4"x8" block, each profile may be snapped apart to make two 4" profiles (discard remaining center section).

NOMINAL 8" X 8" LINEAR END BLOCK



For nominal 8"x8" Linear End block, snap off short end of profile immediately below the words "Terminal Linear" which are embossed on the profile.

Apply an approximate 3/8" bead of silicone to the inside edges of the glass block before installing the shortened profile. Remember to apply a bead of silicone to each side of the glass block that will be in contact with a profile.



TABLE OF USE AND MEASUREMENTS

Height (# of blocks)		No. of profiles										No. of crosses				
10		31 22	52 33	73 44	94 55	115 66	136 77	157 88	178 99	199 110	220 121	241 132	262 143	283 154	304 165	325 176
9		28 20	47 30	66 40	85 50	104 60	123 70	142 80	161 90	180 100	199 110	218 120	237 130	256 140	275 150	294 160
8		25 18	42 27	59 36	76 45	93 54	110 63	127 72	144 81	161 90	178 99	195 108	212 117	229 126	246 135	263 144
7		22 16	37 24	52 32	67 40	82 48	97 56	112 64	127 72	142 80	157 88	172 96	187 104	202 112	217 120	232 128
6		19 14	32 21	45 28	58 35	71 42	84 49	97 56	110 63	123 70	136 77	149 84	162 91	175 98	188 105	201 112
5		16 12	27 18	38 24	49 30	60 36	71 42	82 48	93 54	104 60	115 66	126 72	137 78	148 84	159 90	170 96
4		13 10	22 15	31 20	40 25	49 30	58 35	67 40	76 45	85 50	94 55	103 60	112 65	121 70	130 75	139 80
3		10 8	17 12	24 16	31 20	38 24	45 28	52 32	59 36	66 40	73 44	80 48	87 52	94 56	101 60	108 64
2		7 6	12 9	17 12	22 15	27 18	32 21	37 24	42 27	47 30	52 33	57 36	62 39	67 42	72 45	77 48
1		4 4	7 6	10 8	13 10	16 12	19 14	22 16	25 18	28 20	31 22	34 24	37 26	40 28	43 30	46 32
Length (# of blocks)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

For larger surfaces, specific structural calculations are needed.

Not Recommended For Projects Over 45 sq. ft

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