

SEVES



VetroQUICK

Glass Block Installation System

INSTRUCTIONS

simple, quick, safe, mortar-free

FOR USE WITH DESIGN IT SERIES
GLASS BLOCK ONLY.



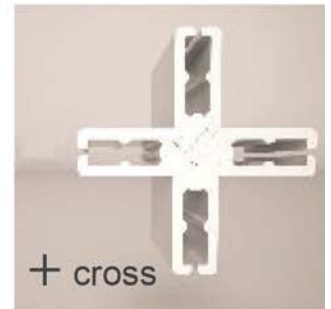
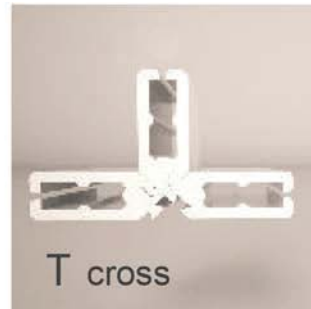
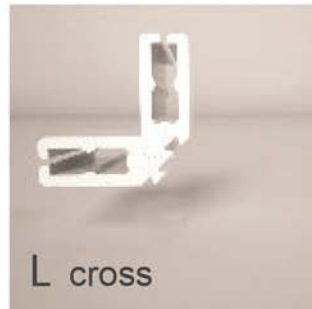
SEVES GLASS BLOCK
RGF INDUSTRIES, INC.
(412) 449-0044

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:

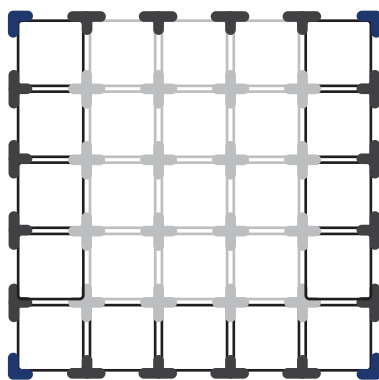
Prepare the cross connector for use in different locations of the wall



"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.



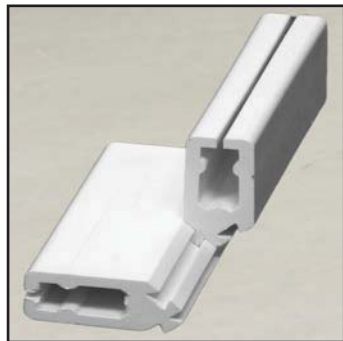
IMPORTANT:

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

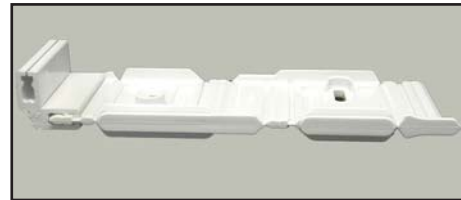
By sliding one leg into another, prepare an "L" cross for each of the bottom corners of your project. Prepare "T" crosses, one for each glass block in your first course.



Preparing an "L" cross

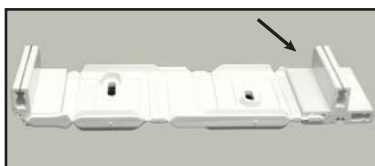
2 Add profiles to crosses

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.

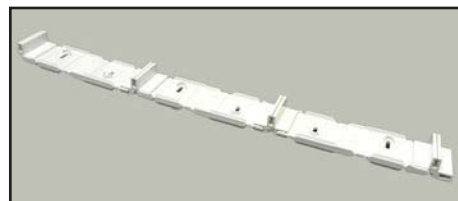


At this step, profiles may be "slid" into the leg of a cross.

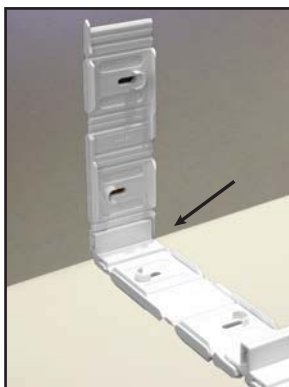
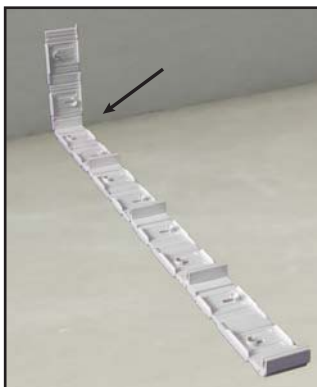
4

Add profiles to crosses

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



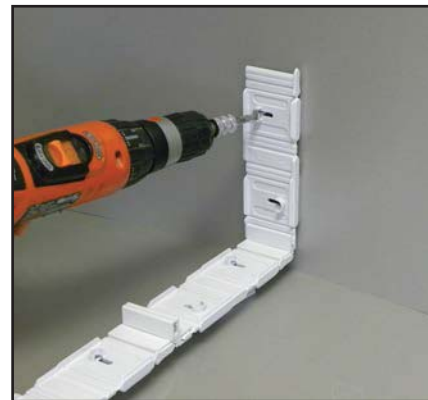
5



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

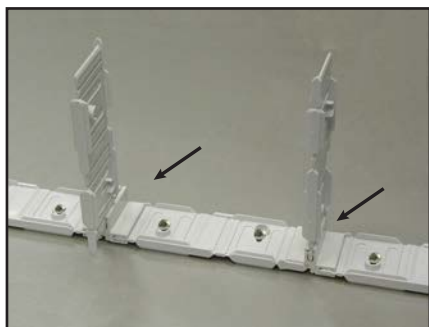
6

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

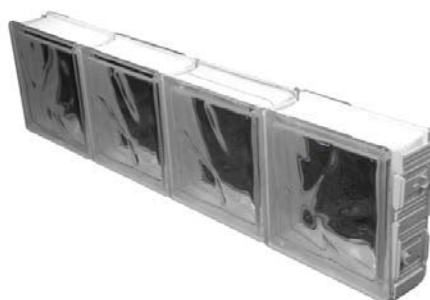
Next, insert profiles vertically into the "T" connectors which have been secured to the floor or curb. Each profile may be slid into the upright leg of a "T" connector.



8

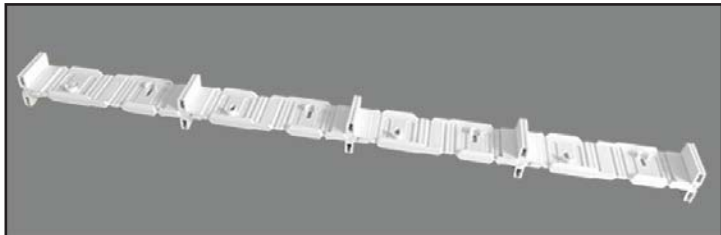
Insert Glass Block

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.

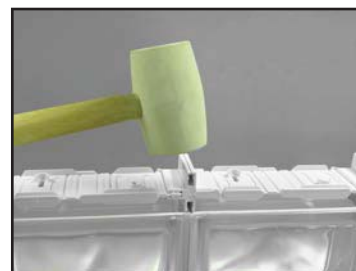
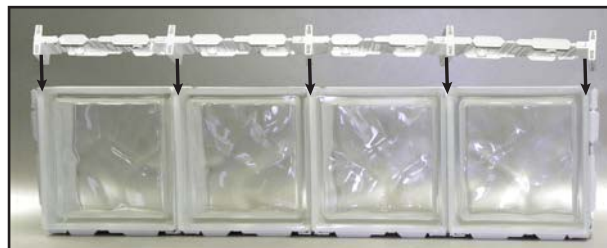


12 Repeat until your project is complete.

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.

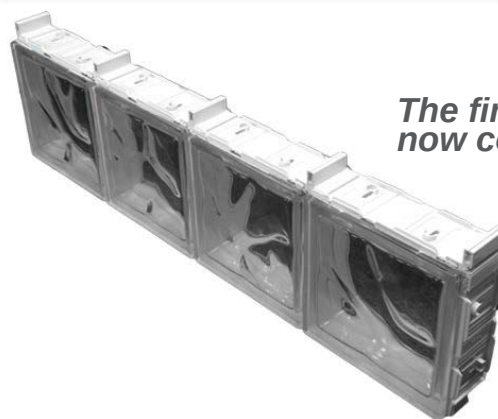


Leg to Profile Attachment



Correct

Incorrect



The first course is now complete.

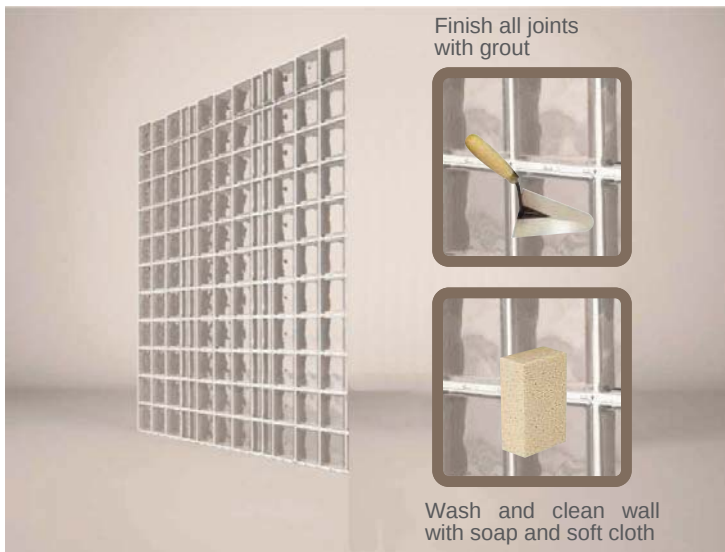
FINISH

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				
		31	52	73	94	115	136	157	178	199	220	241	262	283	304	325
		22	33	44	55	66	77	88	99	110	121	132	143	154	165	176
10		28	47	66	85	104	123	142	161	180	199	218	237	256	275	294
9		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
8		25	42	59	76	93	110	127	144	161	178	195	212	229	246	263
		18	27	36	45	54	63	72	81	90	99	108	117	126	135	144
7		22	37	52	67	82	97	112	127	142	157	172	187	202	217	232
		16	24	32	40	48	56	64	72	80	88	96	104	112	120	128
6		19	32	45	58	71	84	97	110	123	136	149	162	175	188	201
		14	21	28	35	42	49	56	63	70	77	84	91	98	105	112
5		16	27	38	49	60	71	82	93	104	115	126	137	148	159	170
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
4		13	22	31	40	49	58	67	76	85	94	103	112	121	130	139
		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
3		10	17	24	31	38	45	52	59	66	73	80	87	94	101	108
		8	12	16	20	24	28	32	36	40	44	48	52	56	60	64
2		7	12	17	22	27	32	37	42	47	52	57	62	67	72	77
		6	9	12	15	18	21	24	27	30	33	36	39	42	45	48
1		4	7	10	13	16	19	22	25	28	31	34	37	40	43	46
		4	6	8	10	12	14	16	18	20	22	24	26	28	30	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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