

Sizing Chart

*Nominal Glass Block Panel Size	Required Rough Opening Size (width x height)	*Nominal Glass Block Panel Size	Required Rough Opening Size (width x height)	*Nominal Glass Block Panel Size	Required Rough Opening Size (width x height)
8" x 16"	9 ¹³ / ₁₆ " x 17 ⁵ / ₈ "	24" x 64"	25 ³ / ₈ " x 64 ⁵ / ₁₆ "	48" x 40"	48 ³ / ₄ " x 40 ¹⁵ / ₁₆ "
8" x 24"	9 ¹³ / ₁₆ " x 25 ³ / ₈ "	24" x 72"	25 ³ / ₈ " x 72 ¹ / ₈ "	48" x 48"	48 ³ / ₄ " x 48 ³ / ₄ "
8" x 32"	9 ¹³ / ₁₆ " x 33 ³ / ₁₆ "	24" x 80"	25 ³ / ₈ " x 79 ⁷ / ₈ "	48" x 56"	48 ³ / ₄ " x 56 ⁹ / ₁₆ "
8" x 40"	9 ¹³ / ₁₆ " x 40 ¹⁵ / ₁₆ "	32" x 8"	33 ³ / ₁₆ " x 9 ¹³ / ₁₆ "	48" x 64"	48 ³ / ₄ " x 64 ⁵ / ₁₆ "
8" x 48"	9 ¹³ / ₁₆ " x 48 ³ / ₄ "	32" x 16"	33 ³ / ₁₆ " x 17 ⁵ / ₈ "	56" x 8"	56 ⁹ / ₁₆ " x 9 ¹³ / ₁₆ "
8" x 56"	9 ¹³ / ₁₆ " x 56 ⁹ / ₁₆ "	32" x 24"	33 ³ / ₁₆ " x 25 ³ / ₈ "	56" x 16"	56 ⁹ / ₁₆ " x 17 ⁵ / ₈ "
8" x 64"	9 ¹³ / ₁₆ " x 64 ⁵ / ₁₆ "	32" x 32"	33 ³ / ₁₆ " x 33 ³ / ₁₆ "	56" x 24"	56 ⁹ / ₁₆ " x 25 ³ / ₈ "
8" x 72"	9 ¹³ / ₁₆ " x 72 ¹ / ₈ "	32" x 40"	33 ³ / ₁₆ " x 40 ¹⁵ / ₁₆ "	56" x 32"	56 ⁹ / ₁₆ " x 33 ³ / ₁₆ "
8" x 80"	9 ¹³ / ₁₆ " x 79 ⁷ / ₈ "	32" x 48"	33 ³ / ₁₆ " x 48 ³ / ₄ "	56" x 40"	56 ⁹ / ₁₆ " x 40 ¹⁵ / ₁₆ "
16" x 8"	17 ⁵ / ₈ " x 9 ¹³ / ₁₆ "	32" x 56"	33 ³ / ₁₆ " x 56 ⁹ / ₁₆ "	56" x 48"	56 ⁹ / ₁₆ " x 48 ³ / ₄ "
16" x 16"	17 ⁵ / ₈ " x 17 ⁵ / ₈ "	32" x 64"	33 ³ / ₁₆ " x 64 ⁵ / ₁₆ "	56" x 56"	56 ⁹ / ₁₆ " x 56 ⁹ / ₁₆ "
16" x 24"	17 ⁵ / ₈ " x 25 ³ / ₈ "	32" x 72"	33 ³ / ₁₆ " x 72 ¹ / ₈ "	64" x 8"	64 ⁵ / ₁₆ " x 9 ¹³ / ₁₆ "
16" x 32"	17 ⁵ / ₈ " x 33 ³ / ₁₆ "	32" x 80"	33 ³ / ₁₆ " x 79 ⁷ / ₈ "	64" x 16"	64 ⁵ / ₁₆ " x 17 ⁵ / ₈ "
16" x 40"	17 ⁵ / ₈ " x 40 ¹⁵ / ₁₆ "	40" x 8"	40 ¹⁵ / ₁₆ " x 9 ¹³ / ₁₆ "	64" x 24"	64 ⁵ / ₁₆ " x 25 ³ / ₈ "
16" x 48"	17 ⁵ / ₈ " x 48 ³ / ₄ "	40" x 16"	40 ¹⁵ / ₁₆ " x 17 ⁵ / ₈ "	64" x 32"	64 ⁵ / ₁₆ " x 33 ³ / ₁₆ "
16" x 56"	17 ⁵ / ₈ " x 56 ⁹ / ₁₆ "	40" x 24"	40 ¹⁵ / ₁₆ " x 25 ³ / ₈ "	64" x 40"	64 ⁵ / ₁₆ " x 40 ¹⁵ / ₁₆ "
16" x 64"	17 ⁵ / ₈ " x 64 ⁵ / ₁₆ "	40" x 32"	40 ¹⁵ / ₁₆ " x 33 ³ / ₁₆ "	64" x 48"	64 ⁵ / ₁₆ " x 48 ³ / ₄ "
16" x 72"	17 ⁵ / ₈ " x 72 ¹ / ₈ "	40" x 40"	40 ¹⁵ / ₁₆ " x 40 ¹⁵ / ₁₆ "	72" x 8"	72 ¹ / ₈ " x 9 ¹³ / ₁₆ "
16" x 80"	17 ⁵ / ₈ " x 79 ⁷ / ₈ "	40" x 48"	40 ¹⁵ / ₁₆ " x 48 ³ / ₄ "	72" x 16"	72 ¹ / ₈ " x 17 ⁵ / ₈ "
24" x 8"	25 ³ / ₈ " x 9 ¹³ / ₁₆ "	40" x 56"	40 ¹⁵ / ₁₆ " x 56 ⁹ / ₁₆ "	72" x 24"	72 ¹ / ₈ " x 25 ³ / ₈ "
24" x 16"	25 ³ / ₈ " x 17 ⁵ / ₈ "	40" x 64"	40 ¹⁵ / ₁₆ " x 64 ⁵ / ₁₆ "	72" x 32"	72 ¹ / ₈ " x 33 ³ / ₁₆ "
24" x 24"	25 ³ / ₈ " x 25 ³ / ₈ "	40" x 72"	40 ¹⁵ / ₁₆ " x 72 ¹ / ₈ "	72" x 40"	72 ¹ / ₈ " x 40 ¹⁵ / ₁₆ "
24" x 32"	25 ³ / ₈ " x 33 ³ / ₁₆ "	48" x 8"	48 ³ / ₄ " x 9 ¹³ / ₁₆ "	80" x 8"	79 ⁷ / ₈ " x 9 ¹³ / ₁₆ "
24" x 40"	25 ³ / ₈ " x 40 ¹⁵ / ₁₆ "	48" x 16"	48 ³ / ₄ " x 17 ⁵ / ₈ "	80" x 16"	79 ⁷ / ₈ " x 17 ⁵ / ₈ "
24" x 48"	25 ³ / ₈ " x 48 ³ / ₄ "	48" x 24"	48 ³ / ₄ " x 25 ³ / ₈ "	80" x 24"	79 ⁷ / ₈ " x 25 ³ / ₈ "
24" x 56"	25 ³ / ₈ " x 56 ⁹ / ₁₆ "	48" x 32"	48 ³ / ₄ " x 33 ³ / ₁₆ "	80" x 32"	79 ⁷ / ₈ " x 33 ³ / ₁₆ "

*Note: Based on 8" x 8" nominal glass block. **AAMA test results do not pertain to these size windows.



For more information on LightWise® Windows from Pittsburgh Corning, visit your distributor, local dealer or home center.



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800 Presque Isle Drive
Pittsburgh, Pennsylvania 15239-2799
Phone 800-624-2120
www.pittsburghcorning.com

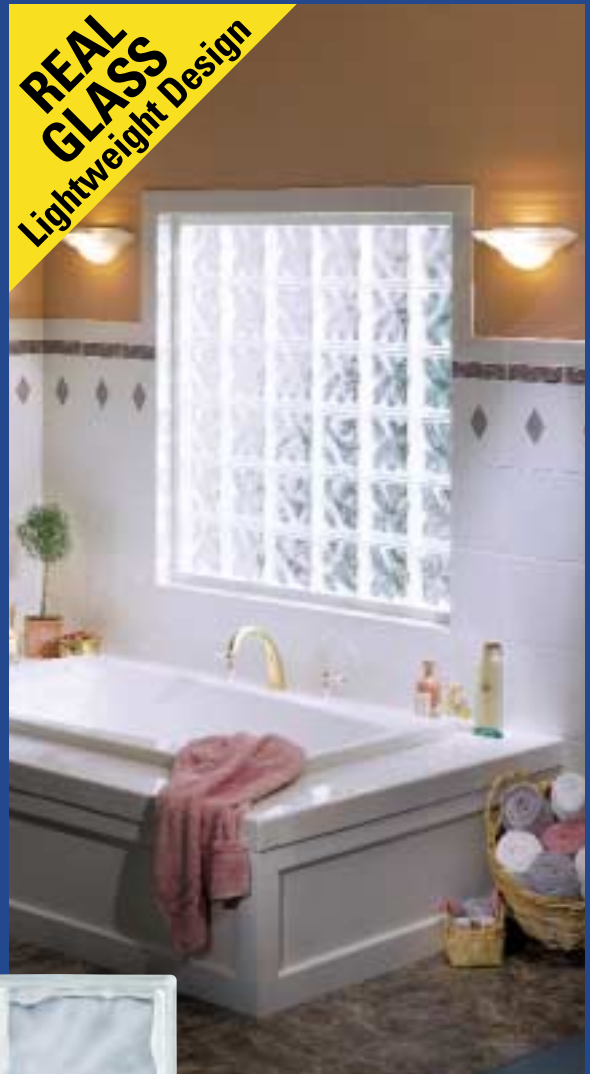
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RESIDENTIAL PRODUCTS

The Wise Choice
For Your Next Project

**REAL
GLASS**
Lightweight Design



Quality made in the U.S.A.

beauty wise

Few windows can beautify a room like LightWise® Windows.

That's because nothing can compare to the timeless beauty of Pittsburgh Corning Glass Block. No other material captures light like glass, and no other building product captures the beauty of glass quite like Pittsburgh Corning Glass Block. LightWise® Windows from Pittsburgh Corning brighten any room with beautiful, soft, natural light. And, you can choose from two different block patterns to make sure LightWise® Windows deliver the aesthetic difference you're looking for.



design

wise



You can control privacy and aesthetic appeal by varying pattern selection. So you can eliminate the need for window treatments and let the natural beauty of crystalline glass shine through. And that makes LightWise® Windows one of the most beautiful windows you can choose.

Selection-wise: there are two glass block styles to choose from.



DECORA® Pattern

- maximum light transmission
- moderate privacy



IceScapes® Pattern

- maximum light transmission
- maximum privacy

comfort wise

Get the comfort of an insulating window and a name you know and trust.

With LightWise® Windows, you get the comfort of an insulating window and a name you know and trust. LightWise® Windows are energy efficient and offer an insulating value comparable to a double-pane window, and they provide excellent sound insulation, too. You can be comfortable in a room with LightWise® Windows because, by selecting varying block patterns, you can control visibility without additional window treatments — allowing the beauty of light to shine through. It all adds up to make LightWise® Windows a choice you can be comfortable with.

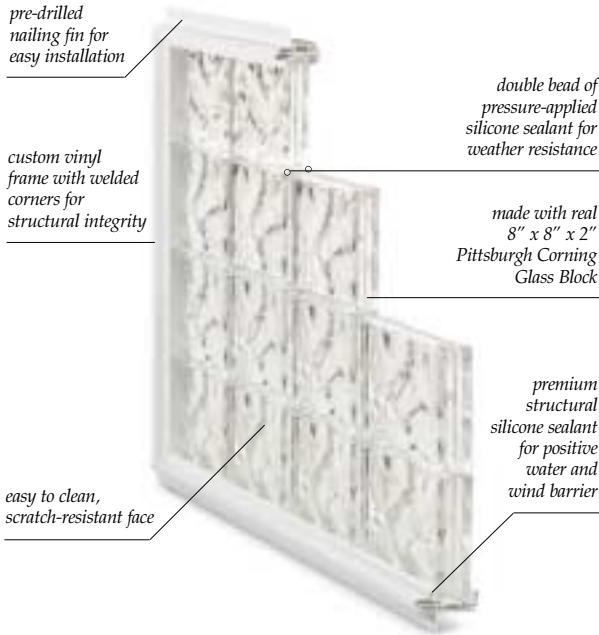


security wise

Since LightWise® Windows are constructed of thick, durable Glass Block, they're incredibly impact resistant.

LightWise® Windows have the security of over 60 years of Pittsburgh Corning Glass Block testing and innovation built-in. So, you have the freedom to allow natural light into a room while enhancing the security of the home. You can keep out unwanted views, energy-wasting drafts and uninvited guests. From door sidelights to bathroom windows, there's no wiser choice for security than LightWise® Windows from Pittsburgh Corning.





**100% Real Glass Block From Pittsburgh Corning:
The Wise Choice. Now More Than Ever.**



LightWise® Windows are a wise choice when you want the beauty and durability of real glass block with less installation hassle. Every

LightWise® Window starts with Real Pittsburgh Corning Glass Block, which resists scratching and will not burn or discolor like plastic. LightWise® Windows offer a unique combination of features you won't find in any other glass or plastic block window. And now LightWise® Windows are even lighter thanks to our new 2" thick glass block.

This new, lighter weight design means LightWise® Windows are even easier to install: just place in the opening and fasten along the built-in nailing fins. LightWise® Windows warranty details available upon request.



Optional Window Accessories



Brickmold white



J-Channel white



Mullion white



white frame



Brickmold sandstone



J-Channel sandstone



Mullion sandstone



sandstone frame

Frame Colors

Physical Properties and Performance Data

Installed Weight:	9.80 lbs./sq. ft.
Light Transmission:	75%
Sound Transmission:	STC = 26
ASTM E-90-97:	OITC = 31

NFRC - 100-97 (Thermal Performance)

R-Value	U-Value	Window Size	Grade
1.92 (HR•FT²•F/BTU)	0.52 (BTU/HR•FT²•F)	48in. x 48in.	Residential

CAN/CSA-A440-M90

Panel Size mm (in.)	Air Test Pa (PSF) + rating	Water Test Pa (PSF) + rating	Wind Load Test Pa (PSF) + rating
1422 x 1422 (56 x 56)	75 (1.57) FIXED	500 (10.45) B5	4,000 (83.60) C4
813 x 2032 (32 x 80)	75 (1.57) FIXED	500 (10.45) B5	4,000 (83.60) C4

Dade County Tests (Protocol PA 202-94)

Panel Size (IN.)	Air Test (PSF)	Water Test (PSF) =15% x design load	Design Load (PSF)	Comments
56 x 56	6.24	9.0	60.0	wood blind stops required
32 x 64	6.24	9.0	60.0	wood blind stops required
32 x 80	6.24	9.0	60.0	wood blind stops required

Safety Glazing Test

ANSI Z97.1	Passed 12", 18" and 48" drops
CPSC-16-CFR 1201	Passed 48" drop

AAMA-101/I.S. 2-97 Tests

Note: AAMA Rating available only on special order windows.

AAMA Designation	Air Test (PSF)	Water Test (PSF)	Design Load (PSF)
F-R 60 56 x 56	1.57	12.00	60.0
F-R 60 32 x 80	1.57	12.00	60.0

Note: Wood blind stops (1" x 1 1/2") will be required over the nailing fins in areas where the design wind load is over 55 PSF.

Note: LightWise® Windows should not be used in showers or other areas where the interior side of the window may come in direct water contact.