

# BUILDING BLOCKS OF LIGHT™







# Building Blocks of Light for exciting interiors and exteriors

One basic building material combines natural light, privacy, security and durability—with visual excitement. Real glass block by Weck: Building Blocks of Light.

Quality Weck glass block softens light and transforms room atmosphere as sunlight shifts through the day. And, outdoors, real block adds architectural importance to building exteriors.

Weck defines world standards for crisp, hard, real

**For more information, please enter the World of Weck at [www.weck.com](http://www.weck.com)**

glass block with the depths, shapes, patterns, colors and highlights that distinguish it from all others. Elegant Eurocolors provide colorful accents in contemporary kitchens and baths. Designer Shapes form curves, corners or columns in various radii for endless curved wall possibilities. BlokUp allows time-saving mortarless construction of glass block walls and windows.

## WECK Firestop Blocks

Pre-rated installations are no barrier for Weck firestop blocks. Weck offers many options for fire-rated applications. Both thinline and standard thickness blocks are 45 minute fire-rated as protected openings in masonry or gypsumboard fire-rated walls.



Blocks may be connected to walls by channels or panel anchors. Weck blocks are rated with panel anchors in 60 minute protected openings.

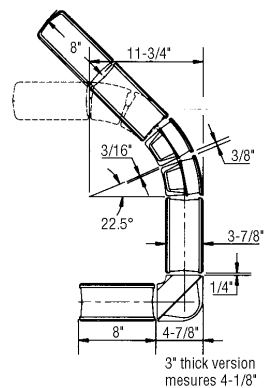


Nubio-60  
Weck Firestop-60  
8" x 8" x 3-7/8"

Fire Rating	Block Thickness	Wall Type	Max. Dimension	Max. Sq. Ft.
45	3"	Masonry	12	100
45	4"	Gypsumboard	10-3/4	94
45	3"	Gypsumboard	10-3/4	94
60	4"	Masonry	10	100
60	4"	Gypsumboard	10-3/4	94

Tested by UL-9, a test for window assemblies. U.L. File R 11679. Corner blocks, end blocks and 12 x 12 sizes are not fire-rated. For technical details visit our website at [www.weck.com](http://www.weck.com)

## WECK Designer Shapes Graceful Curves and Artful Angles



Blocks Inches	AllBend	Outside Radius
1 piece 4" X 8" per	4	14.5
1 piece 4" X 8" per	2	16.7
1 piece 8" X 8" per	4	17.5
1 piece 4" X 8" per	1	21.6
1 piece 8" X 8" per	2	21.7
1 piece 8" X 8" per	1	31.9
2 pieces 4" X 8" per	1	32.5



Specifications	Thickness	Sizes
AllBend (22-1/2 degrees)	4"	8" high
WeckEnd	4"	8" x 8"
DoublEnd	4"	8" x 8"
Corner (90 degrees)	4"	8" high
484 DoublEnd	4"	8" high
484 WeckEnd	4"	8" high

Notes: • All dimensions nominal  
• Designer shapes available in Nubio pattern

## PRE-BUILT WECK Block Windows

Two-Inch-Thin Prebuilt Fixed Window Systems Featuring BlokUp™

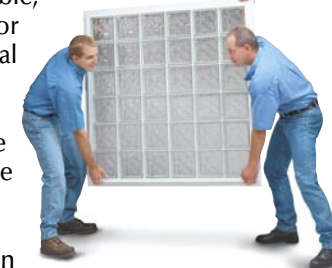
Vinyl Frame



This real glass window was made from new Two-Inch-Thin WECK® Glass Blocks

Select Aluminum or Vinyl Frame Real Glass Block Windows. Unique lighter-weight blocks and BlokUp internal framing system combine to make possible, even large pre-built windows for both residential and commercial applications.

Choose frame material (aluminum or vinyl) compatible with other windows in the same structure. BlokUp aluminum internal framework combines with Two-Inch-Thin glass block, for windows that weigh 1/3 less than other glass block windows. Silicone sealant makes for a more pleasing look than mortared block windows.



- Real glass block windows that are durable and secure - all professional quality components
  - Hard, clear surfaces, not vulnerable to scratching over time
  - Ease of installation, with up to 1/3 less weight and integral nailing fins
  - BlokUp aluminum, hidden-grid framing system adds strength without mortar
  - Available in three glass patterns: Nubio, Cortina and Arctic
- Visit our website at [www.weck.com](http://www.weck.com) for Rough Opening and Installation Details.

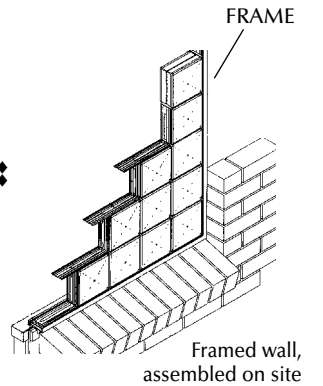
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## BlokUp Mortarless Systems

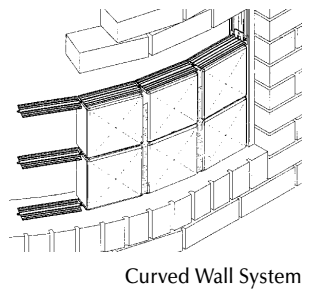
Save Time, Money, Labor

Choose from three extruded aluminum framing systems for WECK Glass Blocks:

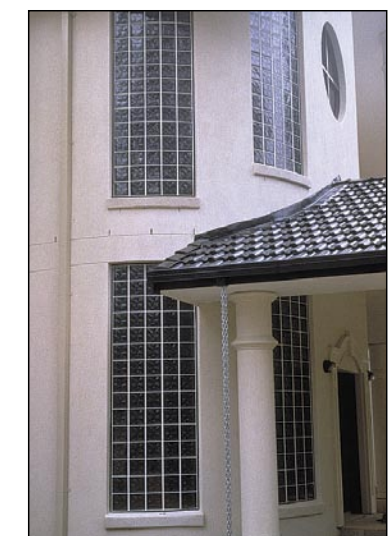
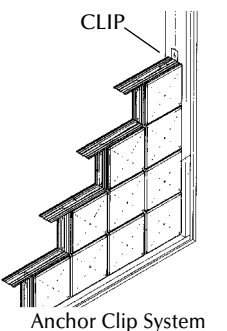
Full-frame BlokUp system lets you construct, without mortar, a framed wall of blocks – up to 150 sq. ft. (Optional nailing fins.)



Framed curved-wall BlokUp system permits any tradesman to create graceful curved walls of Weck block, indoors or out. Frame and horizontal metal sections add strength and security. Hinged metal sections can be easily bent to fit any wall radius.



Anchor clip BlokUp system allows mortarless construction of glass block walls with no perimeter metal framework. System adapts to any-size opening and adds the strength of horizontal aluminum beams.



Silicone sealant is applied to vertical and horizontal aluminum spacers that intersect and bond metal to blocks, without mortar.

## BlokUp advantages include:

Design versatility... ease of assembly... predictable finished quality... faster installation... lower installed cost... mechanical metal connections plus weathertight silicone seals.



# Glass Block Specifications

Installed Block Type/ Dimensions	Design/Color	Fire Rating/ Minutes	U/R Values	Light Trans- mission Percent	Shading Coeffi- cient Percent	Sound Loss Decibels	Wt. Per Block	Wt. (lbsper sq. ft.)
8x8x4	Nubio, Arctic, Clarity, Cortina, Regent, X-Rib	45	.48/2.08	73	.65	41	6.4	19.5
8X8X4	Spray	45	.48/2.08	51	.41	42	6.4	19.5
8x8x4	Nubio-60 Minute	60	.45/2.22	57	.55	42	7.7	22.7
6x8x4	Nubio	45	.48/2.08	75	.65	41	4.9	20.1
6x6x4	Nubio	45	.48/2.08	.73	.65	41	3.5	20.8
4x8x4	Nubio	45	.48/2.08	73	.65	41	3.5	20.8
12x12x4	Nubio, Clarity, Regent, X-Rib, Arctic		.48/2.08	73	.63	42	15.3	18.7
8x4 Corner	Nubio		.48/2.08	50	.30	39	4.1	18.1
8x8x4	Nubio WeckEnd				70		6.2	19.1
8x8x4	Nubio DoubleEnd				70		6.2	19.1
8x4	Nubio AllBend		.50/2.00	70	.65	41	3.6	23.8
4x8x4	Nubio WeckEnd				75		3.6	21.4
4x8x4	Nubio DoubleEnd				75		3.6	21.4

Installed Block Type/ Dimensions	Design/Color	Fire Rating/ Minutes	U/R Values	Light Trans- mission Percent	Shading Coeffi- cient Percent	Sound Loss Decibels	Wt. Per Block	Wt. (lbsper sq. ft.)
1919/50	Nubio, Cortina, Arctic		.57/1.75	83	.68	39	3.6	10.6
1111/80	Nubio	45	.53/1.89	77	.66	41	2.4	20.3
1909/80	Nubio, Arctic	45	.53/1.89	77	.66	41	3.0	18.9
1909/80	Colors - Nubio, Arctic	45	.53/1.89	62	.62	41	3.0	18.9
1919/80	Nubio, Arctic, Welle, Regent, Pearl	45	.53/1.89	77	.66	41	5.4	15.9
1919/80	Colors - Nubio, Arctic, Welle	45	.53/1.89	62	.62	41	5.4	15.9
1919/80	Corner Nubio		.53/1.89	50	.30	39	3.5	16.4
1919/80	AllBend Nubio		.50/2.00	70	.65	41	3.1	22.4
1919/80	WeckEnd - Nubio, Nubio Blue, Nubio Violet						5.3	15.8
1919/80	DoubleEnd - Nubio, Nubio Blue, Nubio Violet						5.3	15.8
8x8x3	Nubio, Clarity, Aktis, X-Rib	45	.53/1.89	77	.66	41	5.4	15.9
6x8x3	Nubio, Aktis	45	.53/1.89	77	.66	41	4.5	17.9
6x6x3	Nubio, Aktis	45	.53/1.89	77	.66	40	3.1	18.2
4x8x3	Nubio, Aktis	45	.53/1.89	77	.66	41	2.9	18.6

**NOTES:**

1. Face dimensions of blocks are nominal. Actual dim. are 1/4" smaller than stated.
2. Thickness indicated is nominal. 3" thick is 3-1/8" and 4" thick is 3-7/8"
3. Dimensions shown for Corner Blocks and AllBends are height and thickness only.

4. 1919/80 = 7-1/2" x 7-1/2" x 3-1/8"     1909/80 = 7-1/2" x 3-1/2" x 3-1/8"
- 1919/50 = 7-1/2" x 7-1/2" x 2"     1111/80 = 4-1/2" x 4-1/2" x 3-1/8"

## Building Blocks of Light: Patterns, Shapes and Colors

**Technical drawings have been developed on disks for CAD systems.**  
ISO 9001 Certified

For additional information and technical details, please visit our website at [www.weck.com](http://www.weck.com)

**WECK®**  
**Glass Blocks**  
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