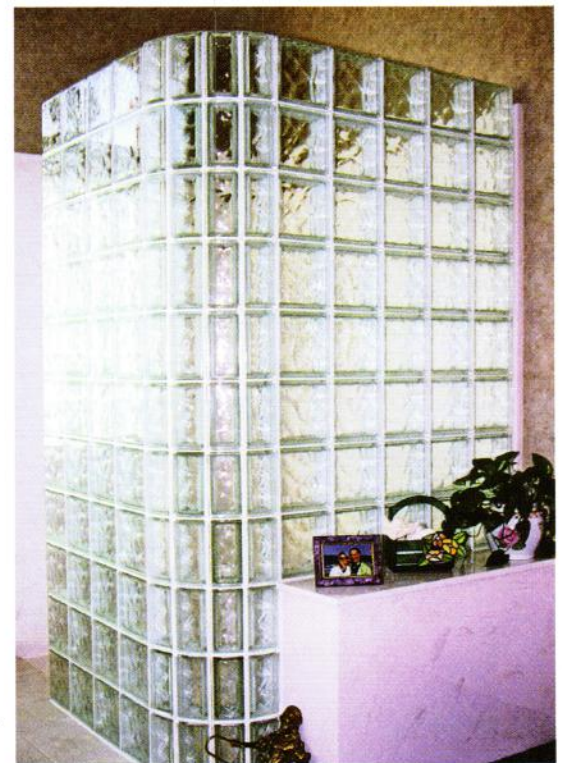
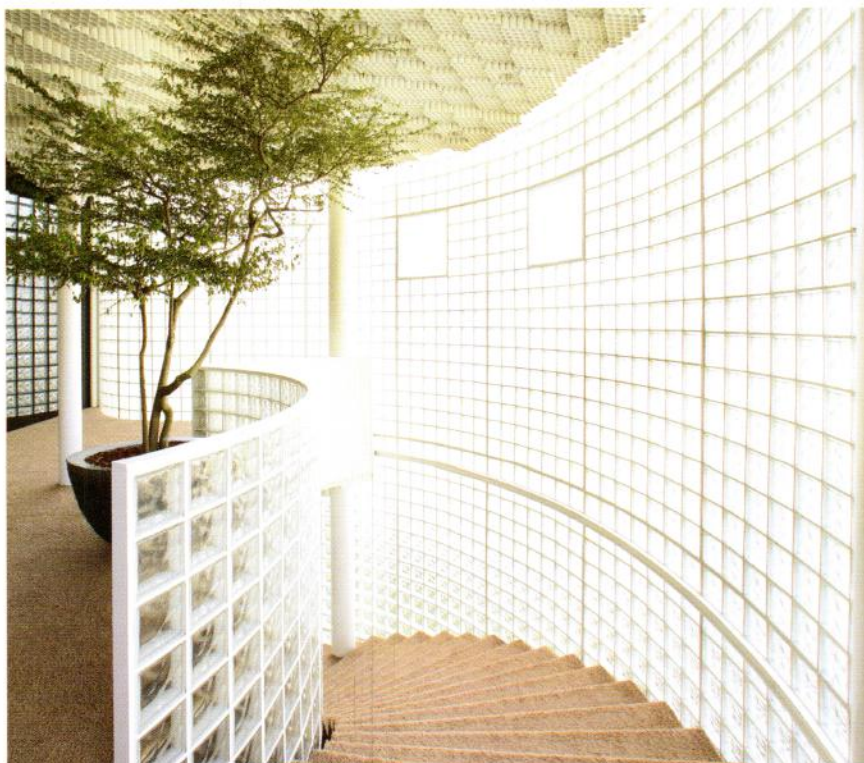
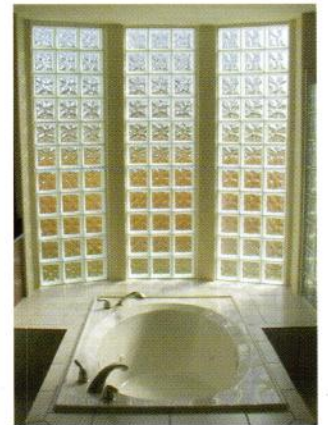
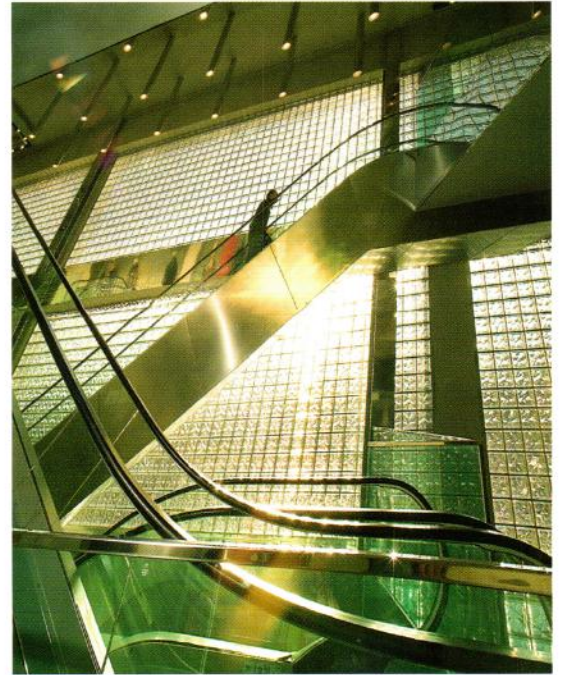


SEVES



ARCHITECTURAL LINE

WECK®
Glass Blocks



DESIGN GUIDE



NUBIO/WAVE

Intersecting random wave pattern, provides an attractive appearance and excellent privacy. Smooth exterior surface for easy cleaning. Matching designers shapes provide beauty and flexibility to create angles, curves or finished jambs and/or heads. 60 minute fire ratings is available in Nubio patterns.



CLARITY

This see-through block provides a dramatic grid effect, undistorted vision and maximum light transmission.



CROSS RIBBED

Vertical ribs on one face and horizontal on the other for excellent privacy.



LIGHT DIFFUSING

Grid pattern offers privacy, reduces glare.



ARCTIC

Frosted glass appearance yields excellent privacy without pattern. Texture is on inside faces of glass for easy cleaning. Rain will not change the translucent effect.



REGENT

Multifaceted diamond pattern for strong sundappled shadows and a sparkling effect in bright sunlight.



CORTINA

Random texture built over the Nubio pattern. More privacy but without a fixed geometric design. Cortina (Curtain in Italian) reminds one of a rippled winter scene.



NUBIO ALLBEND

Turns in 22 1/2° increments, ideal for curves, corners, or columns.



NUBIO 45°

Turns a tight 45°, ideal for tight spaces.



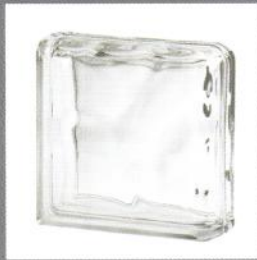
NUBIO CORNER

Completes a smooth 90° turn.



NUBIO ENDBLOCK

Finishing block, ideal for open jamb and top conditions.



NUBIO DOUBLE-END

Finished top and side for step down designs.



TOP

Finishing block for open top conditions.

SIZE CHART (US Standard sizes in inches)

Installed Block Type/Dimensions	Design/Color	Fire Rating/Minutes	U/R Values	Light Transmission Percent	Shading Coefficient Percent	Sound Loss Decibels	Weight per Block	Installed Wt. (lbs.) (per sq. ft.)
8x8x4	Nubio, Clarity, Cross Ribbed, Arctic, Regent, Cortina	45	.48/2.08	73	.65	41	6.4	19.5
8x8x4	Light diffusing	45	.48/2.08	51	.41	42	6.4	19.5
8x8x4 60 minute	Nubio-60	60	.48/2.22	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, Cross Large		.48/2.08	73	.63	42	15.3	18.7
4x8x4 Corner	Nubio			50	.30	39	4.1	18.1
8x8x4 End Block	Nubio			70			6.2	19.1
8x8x4 DoubleEnd	Nubio			70		42	6.2	19.1
4x8x4 AllBend	Nubio		.50/2.00	70	.65	41	3.6	23.8
8x8x4 Nubio 45	Nubio			50	.30	39	4.1	18.1
4x8x4 Top	Nubio			75		41	3.6	21.4
On special request								
4x8x4 WeckEnd	Nubio			75		41	3.6	21.4
4x8x4 DoubleEnd	Nubio			75		41	3.6	21.4

NOTES:

1. Face dimensions of blocks are nominal. Actual dimensions 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.

SPECIFICATION

PART 1 GENERAL

1-1 WORK INCLUDED

- A. WECK Glassblocks of Seves
- B. WECK Glassblocks of Seves with (45, 60 or 90) minute listed U.L. fire rating.
- C. Integral joint reinforcing.
- D. Mortars and sealants.

1.02 RELATED WORK

- A. Section (____ - ____) Masonry.
- B. Section (____ - ____) Lintels.
- C. Section (____ - ____) Sealants.

1.03 REFERENCES

- A. ASTM C15382, Hot Dipped Zinc Coating.
- B. ASTM C144, Aggregate for Masonry.
- C. ASTM C150, Portland Cement.
- D. ASTM C207, Hydrated Lime for Masonry.
- E. ASTM C207, Mortar for Unit Masonry.
- F. Underwriters Laboratories Building Materials Directory, 1998 Edition.

1.04 SUBMITTALS

- A. Submit WECK Glassblocks of Seves Catalog.
- B. Submit _____ WECK Glassblocks of Seves of each type for approval.

1.05 ENVIRONMENTAL REQUIREMENTS

- A. Maintain materials and ambient air temperatures to a minimum of 40° F prior to, during and 48 hours after completion of work.
- B. Protect WECK Glassblocks of Seves from moisture prior to construction.

PART 2 PRODUCTS

20.1 ACCEPTABLE MANUFACTURERS

- A. Seves/Weck

2.02 GLASS UNITS

- A. _____ X _____ X _____ inch.
- B. _____ X _____ X _____ inch. with (45, 60) minute listed U.L. fire rating.
- C. Color (Cleartone or Colors) _____
- D. Pattern _____
- E. Edge Coating - - White latex based paint.

2.03 ACCESSORIES

- A. Joint Reinforcing: Ladder type, hot dipped galvanized, 2-9 gauge parallel longitudinal wire at 2" o.c. for 3-^{7/8}" wide block or 1-^{5/8}" for 3-^{1/8}" wide block and cross rods welded at 8" o.c.
- B. Panel Anchors: 20 gauge X 1-^{3/4}" X 24" hot dipped galvanized steel with staggered perforations.
- C. Perimeter Chase: Masonry recess, aluminium channel or steel channel.
- D. Asphalt Emulsion: Kamac 100 or equal.
- E. Expansion Strips: ^{3/8}" X 3-^{1/2}" polyethylene plastic or glass fiber.
- F. Sealant: Silicone Type _____ Color.
- G. Backer Rod: As recommended by sealant supplier.

2.04 MORTAR MATERIALS

- A. Shall be prepared according to ASTM C270 for Type 5 Mortar. Mortar to have 1 part Portland Cement (Type 1), 1 part lime and 4-^{1/2} to 6 parts of fine sand passing No. 20 sieve and free of iron compounds to avoid stains. Use white Portland Cement and silica sand for white joints. Mix mortar drier than normal and only an amount that will be used in ¹/₂ to 1 hour. Glass block will not absorb water the same as brick. Do not use retempered mortar. Do not use antifreeze compounds or accelerators.
- B. Add _____ mortar color per manufacturer's instructions. Side walls of WECK Glassblocks of Seves must be same color as mortar. If mortar is not white, strip paint and repaint with colored latex paint.
- C. Add Latricrete 8510 to increase waterproofing qualities of mortar.

PART 3 EXPOSITION

3.01 PREPARATION

- A. Verify that pocket recesses or chases provided under other section are accurately located and sized.
- B. Establish and protect lines, levels and coursing.

3.02 INSTALLATION

- A. Arrange coursing pattern to provide consistent joint work throughout.
- B. Locate and secure perimeter metal chase.
- C. Coat sill under units with asphalt emulsion as a bond breaker.
- D. Mortar joints must be solid. Furrowing not permitted. Neatly tool surface to a concave joint.
- E. Place panel reinforcing in horizontal joint above first course of block and not more than 18" c.c. for Standard Series, every other course for Thinline Series and every course for Fire Stop Series. Panel anchors if used shall be installed in the same joints as reinforcing.
- F. Isolate panel from adjacent construction on sides and top with expansion strips. Keep expansion joint voids clear of mortar.
- G. Maintain uniform joint width of $1/4" \pm 1/8"$.
- H. Maximum variation from plane of unit to next unit - $1/32"$.
- I. Maximum variation of panel from plane - $1/16"$.
- J. Do not use retempered mortar.
- K. Do not tap glass block with steel tools.
- L. When mortar has set, pack backer rod in jamb and head channels. Recess to allow for sealant.
- M. Apply sealant.

3.03 CLEANING

- A. Remove excess mortar from glass surfaces with a damp cloth before set occurs.
- B. Number 4 steel wool can be used to remove remaining mortar.



Seves S.p.A.

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