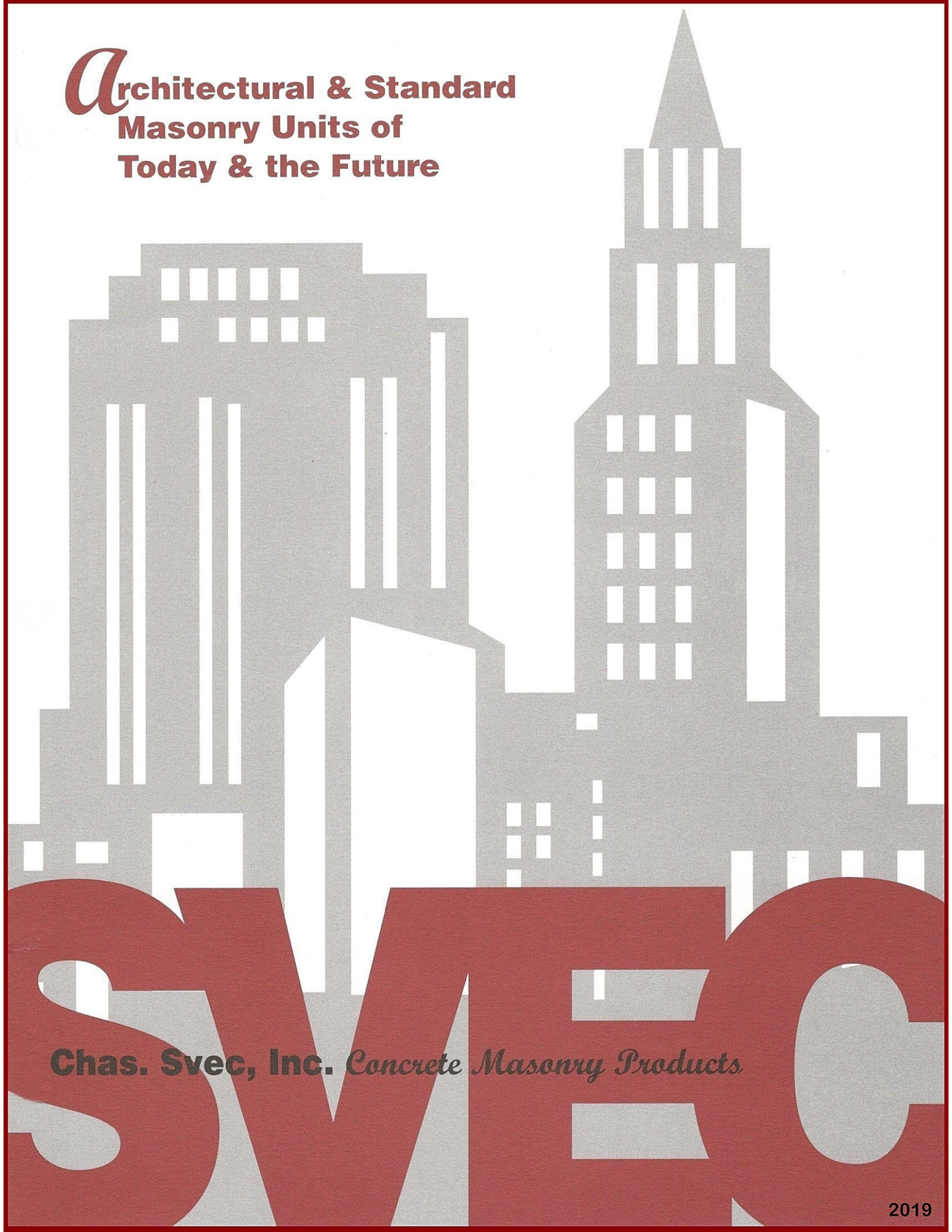


**A**rchitectural & Standard  
Masonry Units of  
Today & the Future

A stylized, grey silhouette of a city skyline is centered in the background. It features several buildings of varying heights and architectural styles, including one with a prominent pointed spire. The buildings are composed of solid grey shapes with white rectangular cutouts representing windows.

**Chas. Svec, Inc.** *Concrete Masonry Products*

Since the early 1900's **Chas. Svec, Inc.** has been serving the concrete masonry industry. **Chas. Svec, Inc.** is recognized in the industry for its large product line, featuring various sizes, shapes, and colors. Concrete Block are known for their load bearing capacity, structural capacity, low maintenance, dependability, and local availability.

**Chas. Svec, Inc.** offers concrete block that are fire resistant, sound absorbent, cost effective, and still gives the architect, and builder the design flexibility they need. Along with these valuable characteristics, we understand the importance of insulation and water repellent capabilities.

**Chas. Svec, Inc.** is continually striving for excellence in meeting your needs for concrete masonry units through **Quality, Service, and Dependability.** We hope our catalog helps you when specifying your next project. Please call us with any questions or comments you might have.

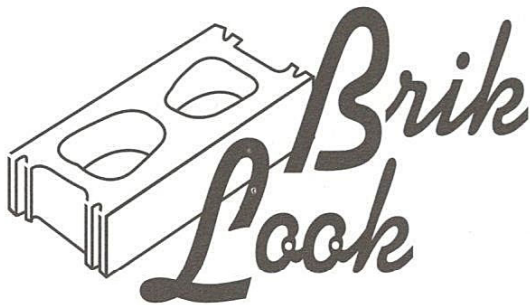
*We are at your service at all times.*  
**Chas. Svec, Inc.**

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**DESIGNER BLENDS by Chas. Svec, Inc.**

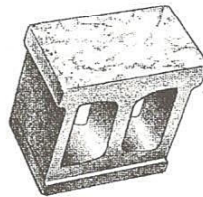
**Introducing a new look!**

Brik Look is our half-high concrete block which is integrally blended to create the appearance of a face brick. Chas. Svec, Inc. offers unique color blends available in 4", 8", and 12" units.

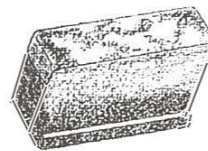
Brik Look units help to meet today's building requirements. Required structural energy codes can be achieved through the placement of rebar, grout or insulation in the hollow cores.

# Econ-O-Wall

*An Economical Retaining Wall System  
Product Profile*



**Econ-O-Wall**



**Econ-O-Wall II**



**Econ-O-Paver**

<b>Dimensions:</b>	Depth 12" (11-5/8") Height 8" (7-5/8") Length 16" (15-5/8")	8" (7-5/8") 4" (3-5/8") 16" (15-5/8")	2" (1-5/8") 8" 16" (15-5/8")
<b>Coverage:</b>	0.89 sq. ft./unit:	0.44 sq. ft./unit	0.89 sq. ft./unit
<b>Unit weight:</b>	56 lbs. Varies with location	35 lbs.	14 lbs.
<b>Wall weight filled:</b>	94 lbs.	36 lbs.	
<b>Set-back/course:</b>	1"	7/8"	Stocked in Various Colors
<b>Minimum radius:</b>	8'5"	8'5"	
<b>CAP UNITS:</b>		<b>INCLUDED IN CUBE</b>	
<b>Dimensions:</b>	Depth (11-5/8") Height (3-5/8") Length (15-5/8")		
<b>Coverage:</b>	0.45 sq. ft.		
<b>Unit weight:</b>	51 lbs.		
<b>CORNER UNITS AVAILABLE</b>			
<b>Dimensions:</b>	8 x 8 x 16	8 x 4 x 16	
<b>Weight:</b>	49 lbs.	24 lbs.	

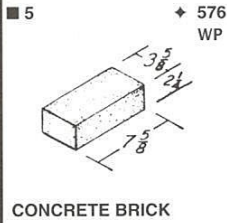
**PLEASE NOTE**

**Econ-O-Wall** is a tapered unit. The back faceshell is 14" (13-5/8").

**Econ-O-Wall II** is a solid straight unit.

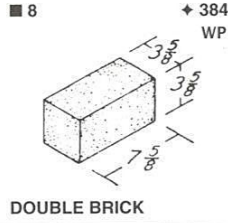
**Material:** Normal weight concrete >130 lbs/cu. ft. • **Compressive Strength:** >5000 psi (net area) • **Absorption:** 4-7%

BRICK



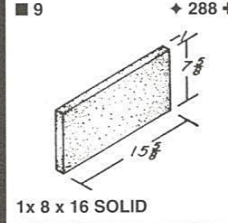
CONCRETE BRICK

**STATE  
APPROVED  
BRICK**

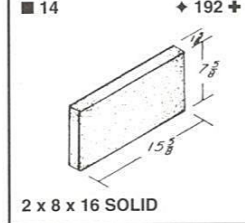


DOUBLE BRICK

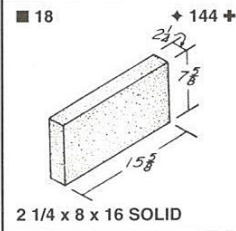
ROCKLITE



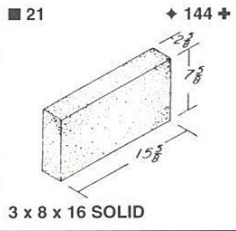
1x 8 x 16 SOLID



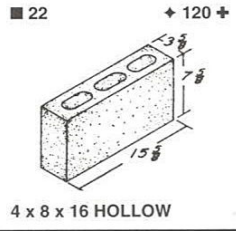
2 x 8 x 16 SOLID



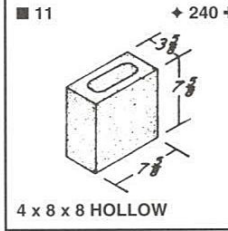
2 1/4 x 8 x 16 SOLID



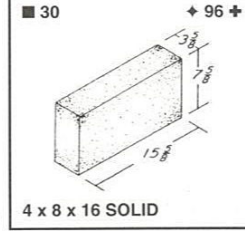
3 x 8 x 16 SOLID



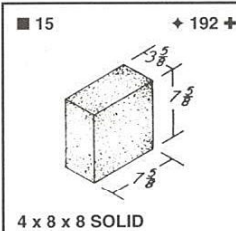
4 x 8 x 16 HOLLOW



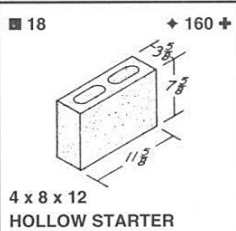
4 x 8 x 8 HOLLOW



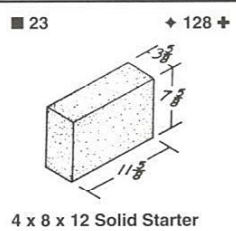
4 x 8 x 16 SOLID



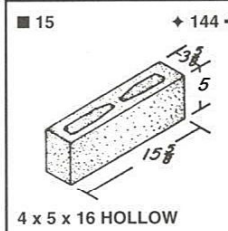
4 x 8 x 8 SOLID



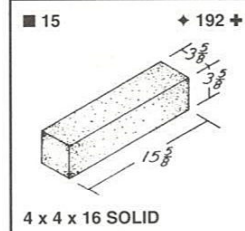
4 x 8 x 12 HOLLOW STARTER



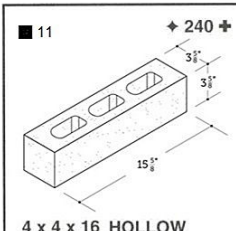
4 x 8 x 12 Solid Starter



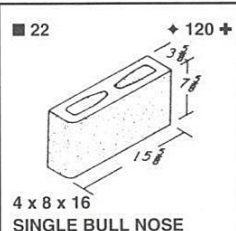
4 x 5 x 16 HOLLOW



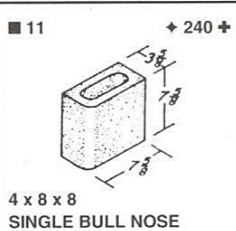
4 x 4 x 16 SOLID



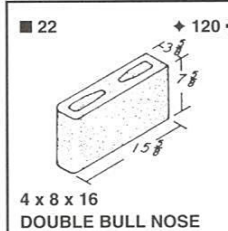
4 x 4 x 16 HOLLOW



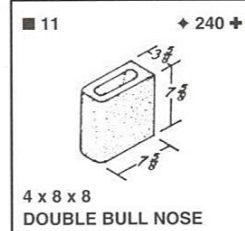
4 x 8 x 16 SINGLE BULL NOSE



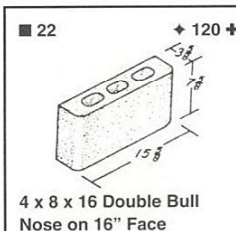
4 x 8 x 8 SINGLE BULL NOSE



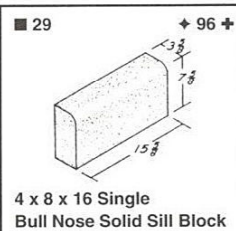
4 x 8 x 16 DOUBLE BULL NOSE



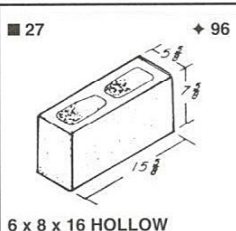
4 x 8 x 8 DOUBLE BULL NOSE



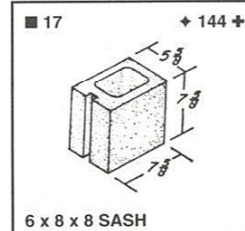
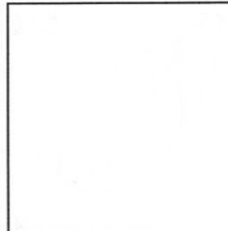
4 x 8 x 16 Double Bull Nose on 16" Face



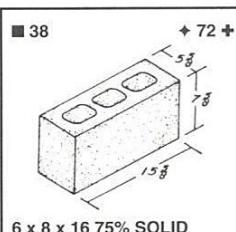
4 x 8 x 16 Single Bull Nose Solid Sill Block



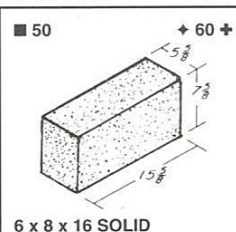
6 x 8 x 16 HOLLOW



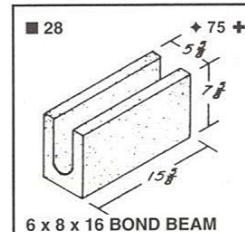
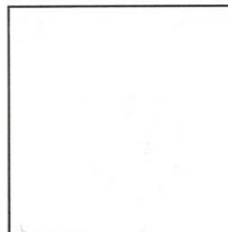
6 x 8 x 8 SASH



6 x 8 x 16 75% SOLID



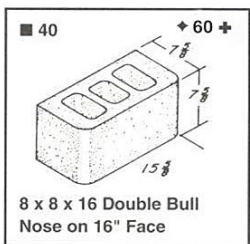
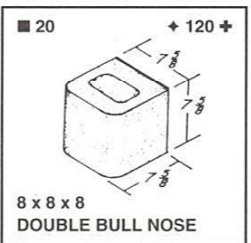
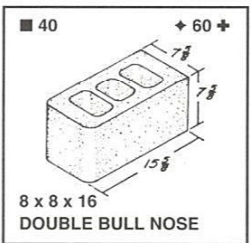
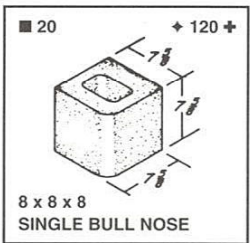
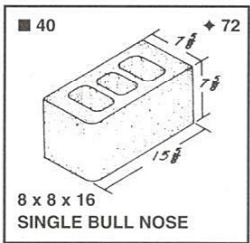
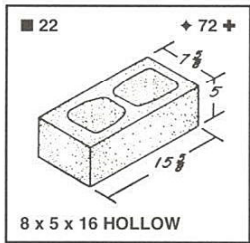
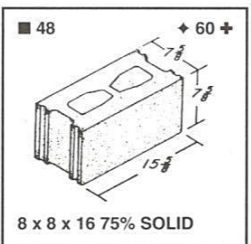
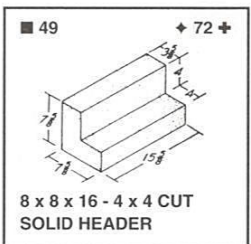
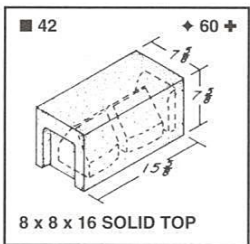
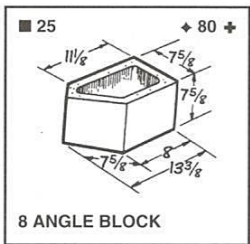
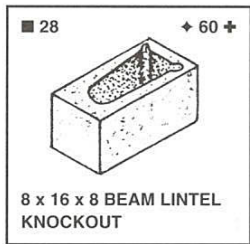
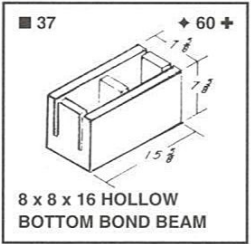
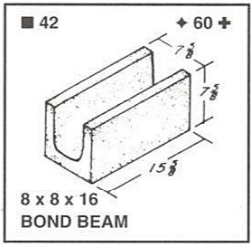
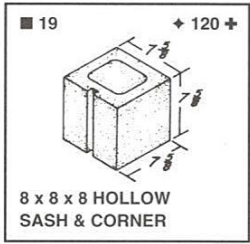
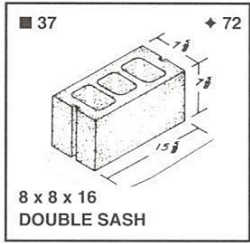
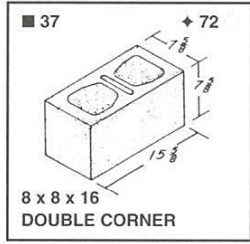
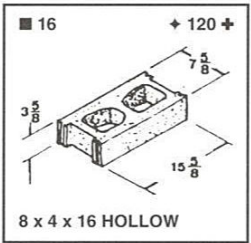
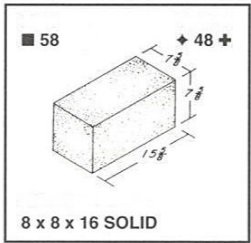
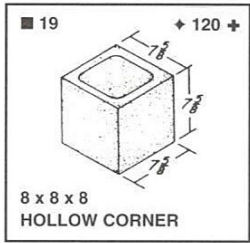
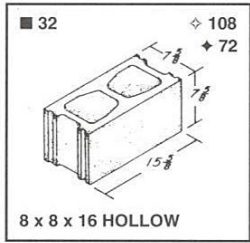
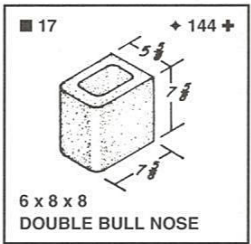
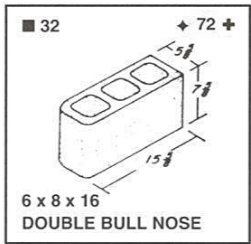
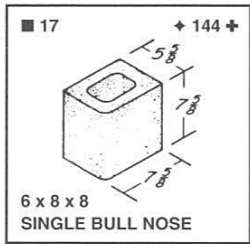
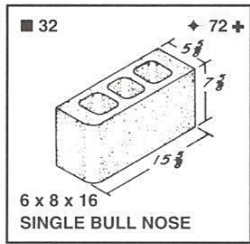
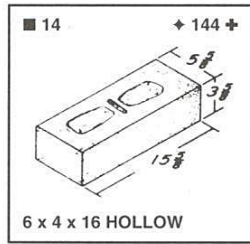
6 x 8 x 16 SOLID



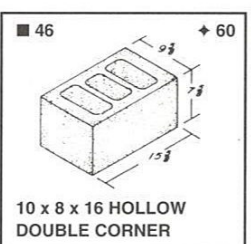
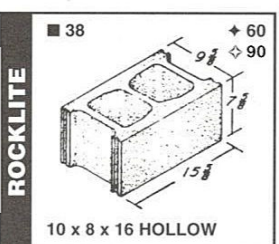
6 x 8 x 16 BOND BEAM

■ Approximate weight for Rocklite Slag Units For Lightweight units subtract approximately 15% from slag weights.  
**NOTE: All weights are approximate and vary considerably at times due to varying weather and material conditions.**  
 WP = West Pallets



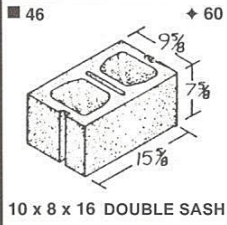


**New**  
*a* **SVEC** *B* **rik** *S* **eries**  
**OUR SMOOTH RANGE COLLECTION**

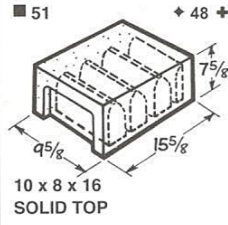


★ = 1/3 Per Cube    ● = 1/2 Per Cube    ♦ = Amount in West Cube    + = 8" Bottom in Cube  
◇ = Amount in Regular Cube    ■ = Approximate weight of Rocklite Units

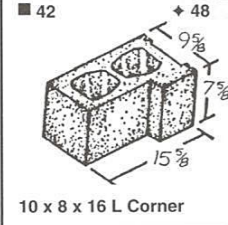
ROCKLITE



10 x 8 x 16 DOUBLE SASH



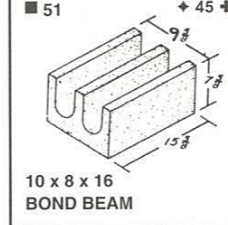
10 x 8 x 16 SOLID TOP



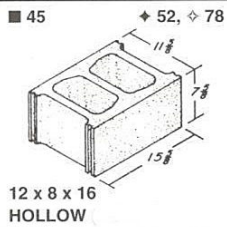
10 x 8 x 16 L Corner



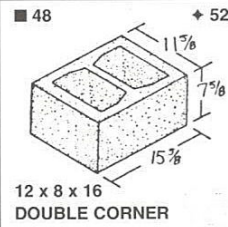
10 x 8 x 16 SINGLE BULL NOSE



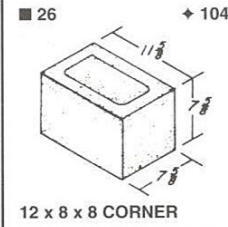
10 x 8 x 16 BOND BEAM



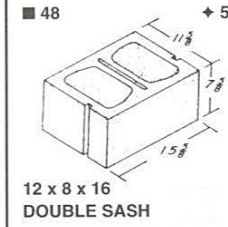
12 x 8 x 16 HOLLOW



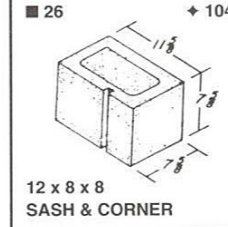
12 x 8 x 16 DOUBLE CORNER



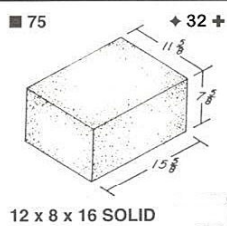
12 x 8 x 8 CORNER



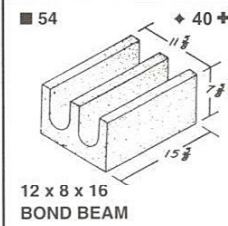
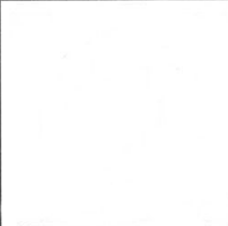
12 x 8 x 16 DOUBLE SASH



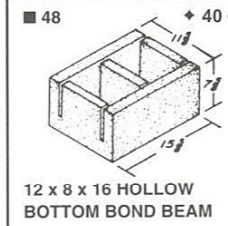
12 x 8 x 8 SASH & CORNER



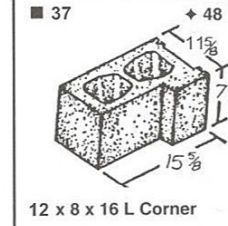
12 x 8 x 16 SOLID



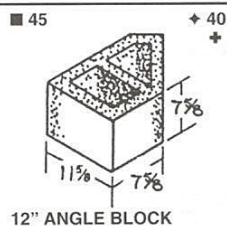
12 x 8 x 16 BOND BEAM



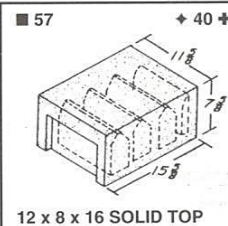
12 x 8 x 16 HOLLOW BOTTOM BOND BEAM



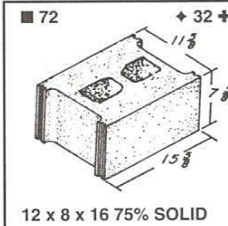
12 x 8 x 16 L Corner



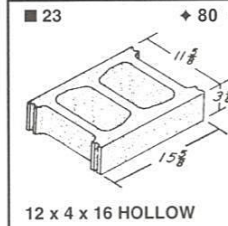
12" ANGLE BLOCK



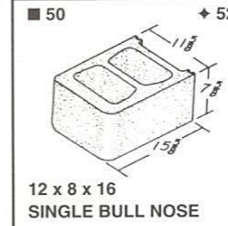
12 x 8 x 16 SOLID TOP



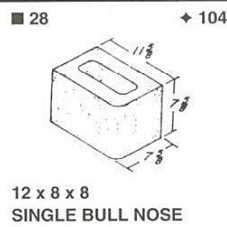
12 x 8 x 16 75% SOLID



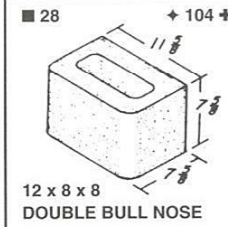
12 x 4 x 16 HOLLOW



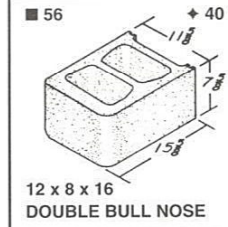
12 x 8 x 16 SINGLE BULL NOSE



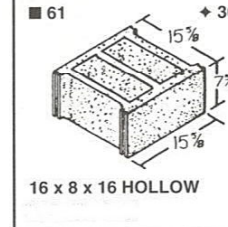
12 x 8 x 8 SINGLE BULL NOSE



12 x 8 x 8 DOUBLE BULL NOSE

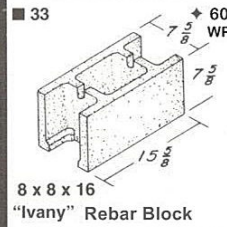


12 x 8 x 16 DOUBLE BULL NOSE

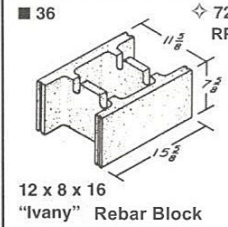


16 x 8 x 16 HOLLOW

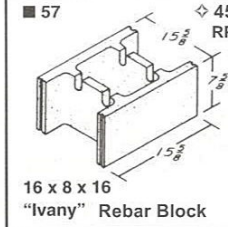
IVANY



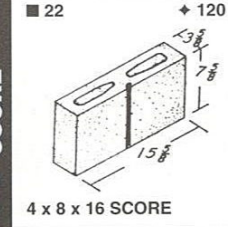
8 x 8 x 16 "Ivany" Rebar Block



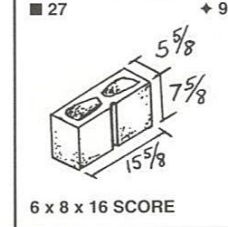
12 x 8 x 16 "Ivany" Rebar Block



16 x 8 x 16 "Ivany" Rebar Block



4 x 8 x 16 SCORE

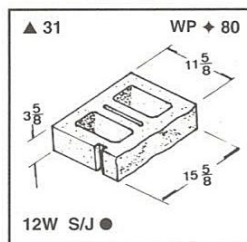
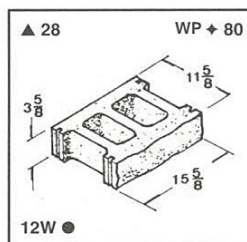
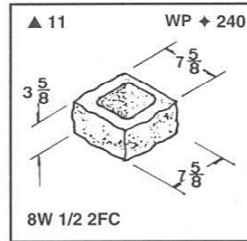
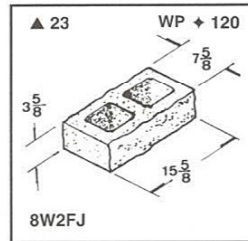
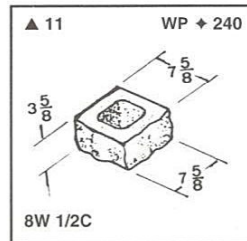
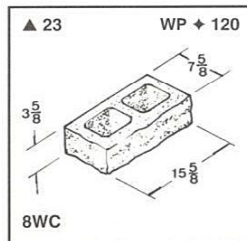
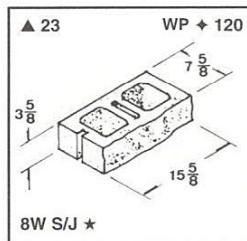
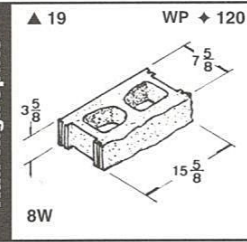
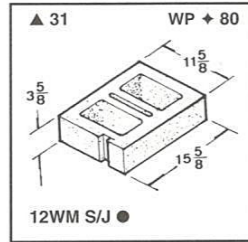
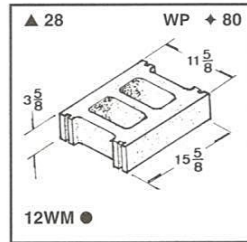
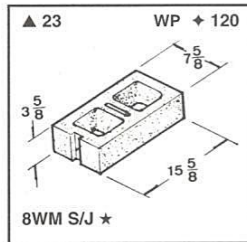
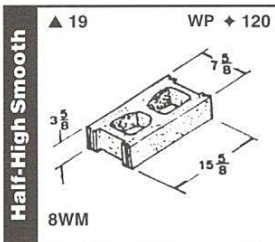
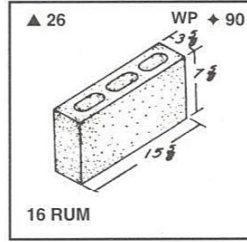
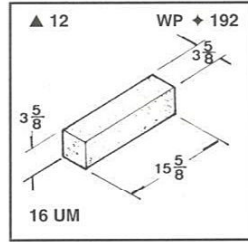
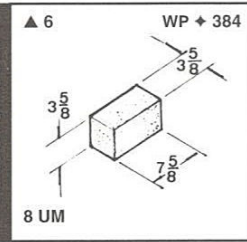
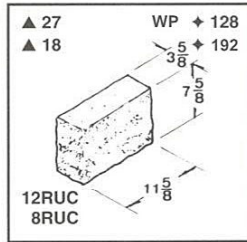
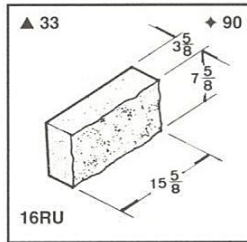
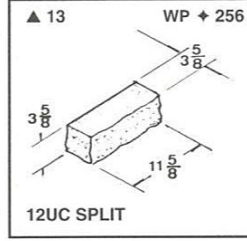
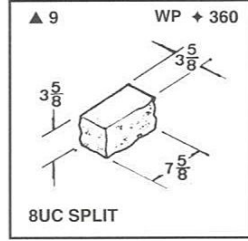
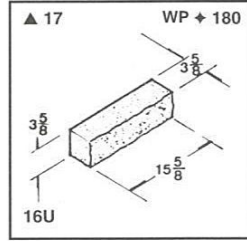
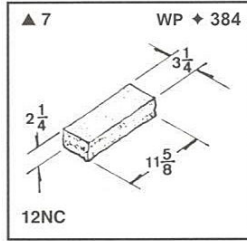
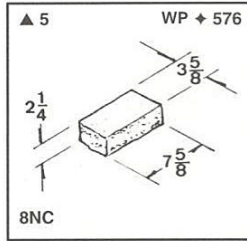
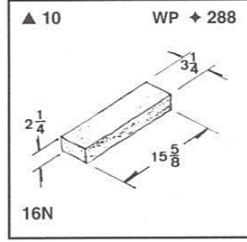
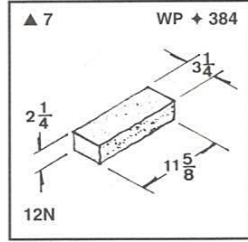
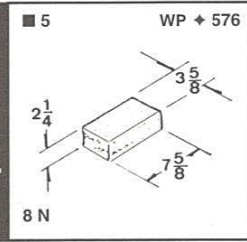
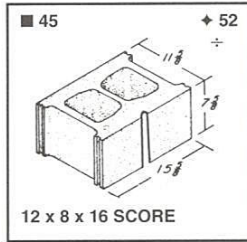
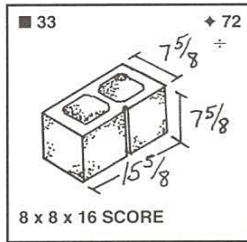


6 x 8 x 16 SCORE

SCORE

■ Approximate weight for Rocklite Slag Units. For Lightweight units subtract approximately 15% from slag weights.  
 NOTE: All weights are approximate and vary considerably at times due to varying weather and material conditions.  
 RP = Regular Pallets WP = West Pallets



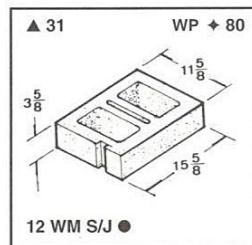
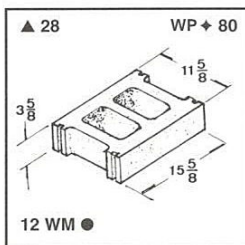
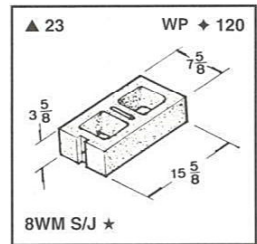
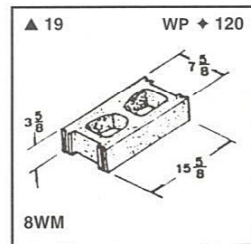
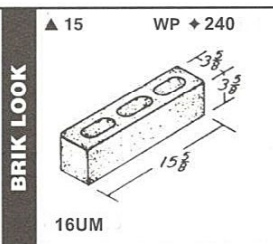
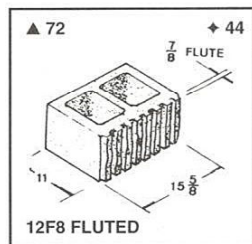
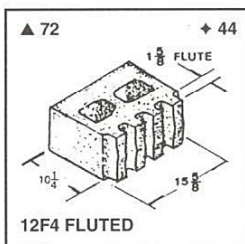
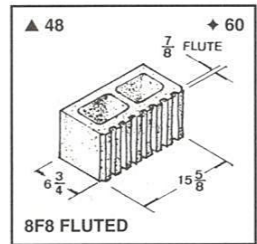
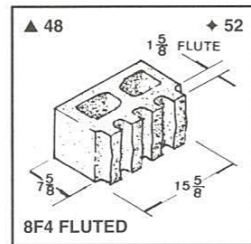
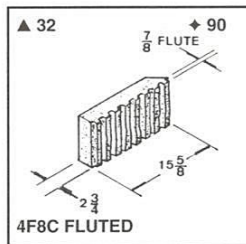
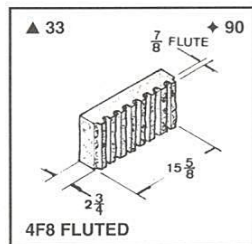
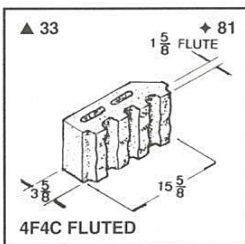
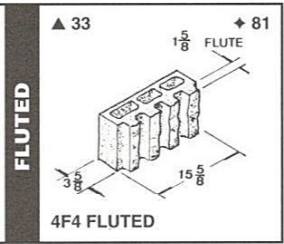
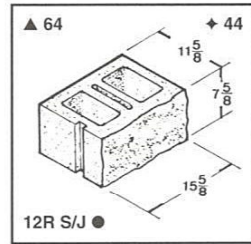
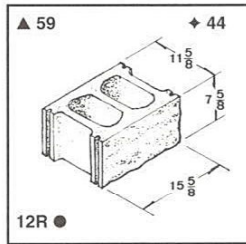
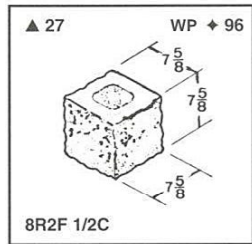
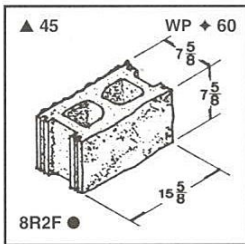
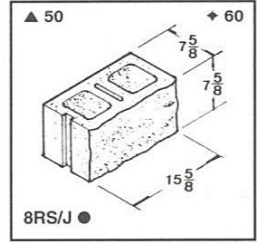
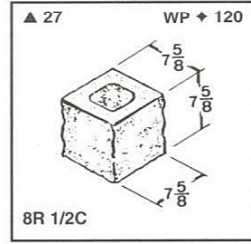
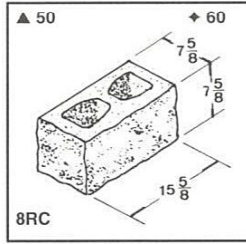
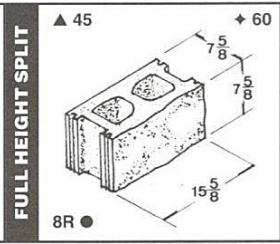
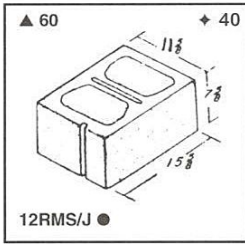
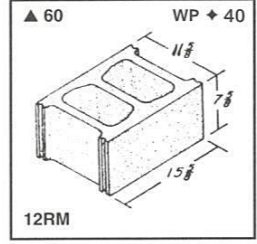
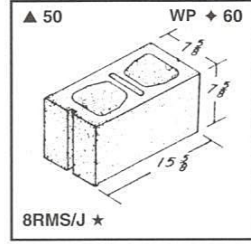
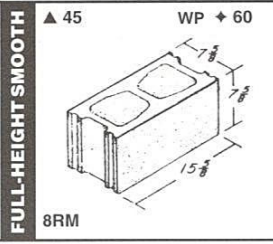
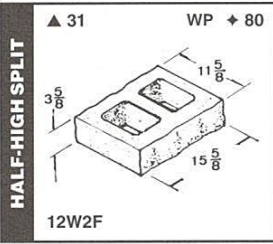


**8" SPLIT  
FACE  
CONCRETE  
BRICK**



**BLENDED  
SPLIT FACE  
UNITS  
NOW  
AVAILABLE!**

★ = 1/3 Per Cube ● = 1/2 Per Cube ▲ = Approximate Weight of Split Face Series ■ = Approximate weight of Rocklite Units.  
÷ = Score available both sides upon request. ◆ = Amount in West Cube ◇ = Amount in Regular Cube + = 8" Bottom in Cube  
WP = West Pallets

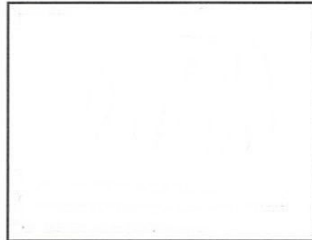
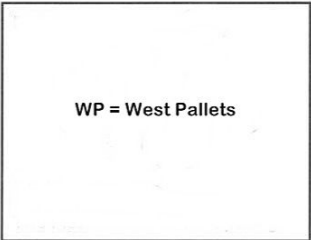
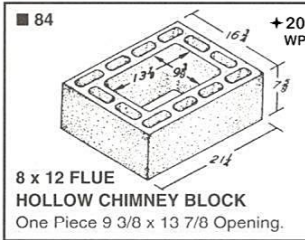
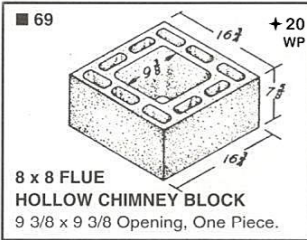


**CUSTOM COLORED**  
SPLIT AND SMOOTH SCORE  
AVAILABLE IN  
4" - 6" - 8" and 12" units.  
Double and triple scores  
available both sides  
in selective sizes on request.

★ = 1/3 Per Cube ● = 1/2 Per Cube ◆ = Amount in Cube ÷ = Score available both sides upon request.  
▲ = Approximate Weight of Split Face Series. ■ = Approximate weight for Rocklite units. + = 8" Bottom in Cube  
WP = West Pallets



**CHIMNEY BLOCK**



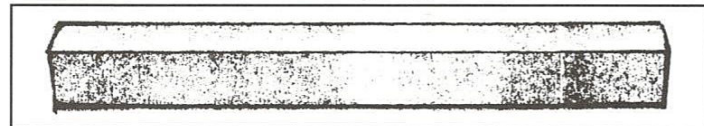
**PRE-CAST PRODUCTS**

**PARKING LOT BUMPER RAILS**

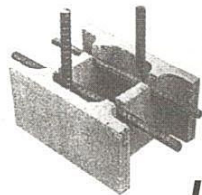


Width - 7 5/8" Height - 6" Length - 72"

**ENGINEERED LINTELS (Lightweight)**



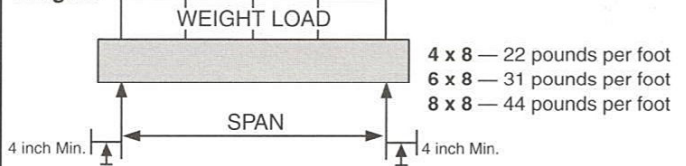
Lintel lengths are made in multiples of 8 From 2' to 12'. We carry 4" - 6" - 8" widths in stock. Lintels are made with 3,000 pound concrete.



*Innovation in  
Concrete Masonry*  
**THE IVANY®  
BLOCK SYSTEM**  
*Ivany® Open End Block*

- Single core — lighter than conventional block.
- Standard Modular Dimensions.
- Special ways to accommodate horizontal reinforcing steel.
- Inner-cell lip assures proper vertical reinforcing steel placement.

**Weights**



**GROUT QUANTITY FOR IVANY BLOCK**

- 8" — 11 cubic yards/1000 block — approximately 58% void
- 12" — 20 cubic yards/1000 block — approximately 66% void
- 16" — 27 cubic yards/1000 block — approximately 64% void

**GROUT AND FILL CHART**

This chart can be used as a guide to estimating the amounts of concrete and poured insulation required to fill the designated units listed below. Calculations do not take any waste factors or unfilled mortar joints into account. Straight wall sections are assumed when using the square foot method.

CONCRETE		INSULATION - 4 CU. FT. BAGS				
UNIT SIZE	#Block Filled By Cu. Yd. Concrete	#Cubic Yds. Per 1000 Block	#Cu. Yds. Per 1000 Sq. Ft. Wall Area	#Block Per Bag	#Bags Per 1000 Block	#Bags Per 1000 Sq. Ft. Wall
6 x 8 x 16H	156	6.5	7.21	23	43.5	49
8 x 8 x 16H	105	9.5	10.7	15.5	64	72
10 x 8 x 16H	82	12.2	13.7	12	82.5	92.5
12 x 8 x 16H	60.5	16.5	18.5	9	99	125

**NOMENCLATURE**

- W** 4" high units - Assume splitface if no other information.
- R** 8" high units - Assume splitface if no other information.
- F** Fluted Splitface      **S/J** Sash/Jamb      **H** Hollow
- DS** Designer Series      **C** Corner      **M** Smooth
- N** 2 1/4" high veneer split      **U** 3 5/8" high veneer split
- 2F** Two Face

*Examples:*

- 12R** 12 x 8 x 16 Splitface
- 8WM** 8 x 4 x 16 Smooth
- 16-U** 3 5/8 x 3 5/8 x 16 Splitface
- 12RUC** 4 x 8 x 12 Splitface Corner or Starter Block
- 8R2F** 8 x 8 x 16 Two Face Split



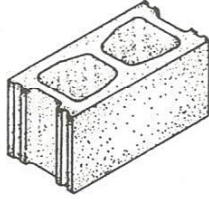
Chas. Svec, Inc. offers:

## FIRE RATED CONCRETE BLOCK

Chas. Svec, Inc. produces Fire Rated Concrete Blocks for 2, 3 and 4-hour fire walls and issues certification showing compliance with necessary fire standards.

Call us for information on Fire Resistant concrete masonry units.

## HIGH STRENGTH BLOCK



4000 P.S.I.  
Block designed for extra load bearing capacity.

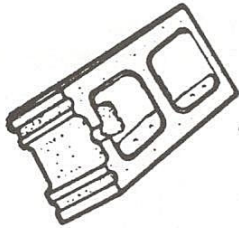
N.C.M.A. has referred to upgrading below grade space with architecturally designed units as:

## SMART SPACE

- Basements stretch the buyer's dollar and offer attractive living space.
- The cost of a basement built of concrete masonry is less per square foot than the cost of a poured concrete basement.

## Fabri-Core

**Fabri-Core** inserts save labor costs. Since they arrive on the job already installed, there are no unloading, or delivery costs incurred, as with on-site insulation.



Other labor-saving advantages include:

- No waste or clean up costs.
- Costs are firm—not estimated.
- Allows easy installation of pipes, conduits, etc.
- Provides guaranteed consistent insulation value.

**Svec-Gard** is a long lasting totally Integral System. It provides water repellency on above grade masonry walls and is purposefully formulated with controlled absorption. This is necessary to achieve water repellency and efflorescence control while maintaining proper bond strength and adhesion to mortars and grouts as well as to paints, stains and caulks.



The **Svec-Gard System** can provide the desirable properties of a cavity wall through a mortar admix along with well tooled mortar joints and using good masonry

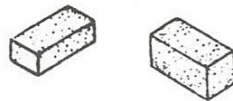
practices. Our water repellent CMU is produced with **Master Builder's MasterPel 240 Admixture** and the mortar is produced with the use of **Master Builder's MasterPel 240 Mortar Admixture**. The most important factor in water repellency is providing *density* in a *Quality Masonry Unit*, this particular feature makes **Svec-Gard** a *Totally Complete System*. (Formaly RHEOPEL PLUS)

The **Svec-Gard System** can provide the desirable properties of a cavity wall through a mortar admix along with well tooled mortar joints and using good masonry

## Econ-O-Wall

An Economical Retaining Wall System

## SEWER BRICKS

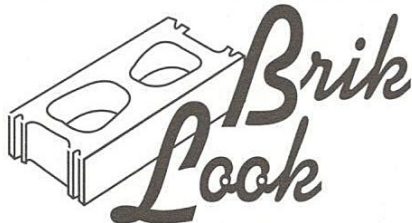


Chas. Svec, Inc. manufactures *Approved* Ohio State Highway Department concrete sewer bricks. We keep our units in stock to assure you prompt delivery to your job site.

A State Certificate for specific jobs can be provided for each load of brick when it is delivered.

## Master Builders

Water-Repellent Admixture Systems for Concrete Block and Masonry Mortar



DESIGNER BLENDS by Chas. Svec, Inc.

## RESIDENTIAL

Build with Split Face Concrete Brick.

— NOW STOCKING —  
8" Brick in Various Blends and Colors.



## STANDARD CONDITIONS AND LIMITED WARRANTY

1. Seller warrants that its block meet applicable ASTM standards. If the block does not meet ASTM standards, seller will replace the defective block. SELLER'S AGREEMENT TO REPLACE DEFECTIVE BLOCK IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, OR STATUTORY.
2. The purchaser has the right to inspect materials at shipping point. Failure to inspect and reject non-conforming material constitutes acceptance. The purchaser must inform the seller in writing within 48-hours of the rejection of any shipment. Failure to reject as provided for in this condition releases seller of any liability whatsoever. Claims for errors or shortage must be made immediately upon receipt of product. To be considered, any claim for defective product must be made within 48 hours of receipt of product on job site and BEFORE THE INSTALLATION OF ALLEGED DEFECTIVE MATERIAL INTO THE STRUCTURE.
3. IN THE EVENT THAT COVERED WARRANTY ITEMS ARE NOT REPLACED OR THE DEFECT REMEDIED BY SELLER, SELLER'S LIABILITY SHALL BE LIMITED TO THE COST OF THE BLOCK. SELLER SHALL IN NO EVENT BE LIABLE FOR PURCHASER'S LOST PROFITS, GOODWILL, OR OTHER CONSEQUENTIAL DAMAGES.
4. Any action by purchaser or contractor for breach of this contract must be commenced within one year from the date of last delivery of block.
5. It is the Sellers intent in providing quality units within the delivery dates. Seller shall not be liable for failure to meet delivery dates, or delays in delivery that are occasioned by causes beyond seller's control to include without limitation, strikes, lockouts, fires, embargos, war, riots, insurrections, acts of God, machinery breakdowns, delays of carriers or suppliers, and government acts and regulation.
6. ARCHITECTURALLY DESIGNED CONCRETE PRODUCTS ARE MANUFACTURED BY CAREFULLY CONTROLLED FORMULAS AND PROCEDURES. NATURAL AND MANUFACTURED AGGREGATES, CEMENTS, AND PIGMENTS VARY IN COLOR AND PARTICLE SHAPE. NO GUARANTEE OF SPLIT DEPTH OR COLOR UNIFORMITY IS MADE OR IMPLIED IN MANUFACTURER'S RECOMMENDATIONS.
7. It is the Sole Responsibility of the purchaser in ordering the correct color. Variations in the color of concrete masonry units does and will occur. The seller is NOT responsible for variations in color or variations between samples used to select color and the finished product.
8. Seller recommends that architectural units be taken from four or more cubes at a time to take advantage of the subtle tone variations in the manufacturing process.
9. Proper cleaning of finished walls is a necessity, and is HIGHLY RECOMMENDED to attain a greater degree of color uniformity. We do not recommend muriatic acid as a cleaning agent. The recommended procedure for cleaning is to scrub with clear water shortly after mortar is set. A detergent may be added with proper care. If acid is deemed necessary, we recommend no more than a 3% solution in water. A product such as Sure Kleen 600, or approved equal, as manufactured by Pro So. Co., is recommended for cleaning our units. USE LOW PRESSURE SPRAYING.
10. Chas. Svec, Inc.'s architecturally designed concrete products are made with an integral water repellent system, *Svec-Gard*, which aids in low water absorption, HOWEVER, NO GUARANTEE OF WATER IMPERMEABILITY IS MADE. Buyer can apply a waterproofing agent if desired. Full head and bed joints are essential in the deterence of water penetration.



## Manufacturer's Recommended Guide Specifications

### *Division 4 - Masonry Concrete Masonry Units*

**A.** Standard Units — All hollow load-bearing & solid load-bearing concrete masonry units shall meet or exceed parameters set forth by ASTM C90 as manufactured by **Chas. Svec, Inc.**, 5470 Dunham Road, Maple Heights, Ohio 44137, (216) 662-5200.

**B.** Architectural Split Face or Smooth Face concrete block masonry units shall be manufactured by **Chas Svec, Inc.**, 5470 Dunham Road, Maple Heights, Ohio 44137, (216) 662-5200.

Type of unit(s) shall be block description (i.e.: 12F8);  
colors shall be (i.e. Arctic White).

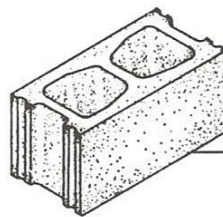
## Tips On Ordering Architecturally Designed Units

Today's designers are utilizing the flexibility and beauty of architecturally designed concrete masonry on a regular basis. More is being demanded of the products and installers to satisfy the call to excellence from these designers and their customers.

*The following are some tips on the placement of your order:*

1. Allow ample time for processing your order. We suggest three to four weeks from the time of placement of the order. Remember that many units need to be split/handled three to four times prior to becoming job-ready.
2. Order all fittings/shapes to be delivered at the beginning of the job. It is desirable to work from one run of fittings to assure better color uniformity.
3. To assure the finest quality with the lowest overall cost, double check your quantities. Since specialty concrete block are customized for each order, we must charge for each unit ordered.
4. Check for changes of colors of units. It is common to have more than one color of the same size unit on the job.
5. Check this shape guide for what units are ready-made. Special shapes not in this catalog may be impractical, if not impossible, to manufacture. Check with our sales department, or your dealer for more information on what can be fabricated.

*We are at your service at all times.*



**Chas. Svec, Inc.**

*"Rocklite" Concrete Masonry Products*

5470 Dunham Road, Maple Heights, Ohio 44137

216 662-5200 FAX: 216 662-5666

Email : [block@chassvecinc.com](mailto:block@chassvecinc.com)

**Branch Plant**

1135 Worden Road, Wickliffe, Ohio 44092  
(Closed)