



PEERLESS

Block ♦ Brick ♦ Stone ♦ Hardscape

Better Blocks Through Experience

If one word characterizes the Peerless Block & Brick Company, it is *quality*. And while the quality process is important to every aspect of our business, perhaps nowhere is it more apparent than in the manufacturing of our own line of masonry blocks.

Our exacting standards result in better products for our customers. These standards are supported through a rigorous in-house testing process in our own laboratory. Our masonry products undergo testing for strength, consistency of color and texture, and permeability.

Quality is taken personally at Peerless by everyone. This quality emphasis has made Peerless Block the architectural block of choice among professionals. Painstaking quality checks, an ongoing investment in technology, and adherence to strict ingredient guidelines have combined to make Peerless Block the benchmark of the industry.



ACTIVE MEMBERS OF:

CADCO

- Contractors Association of West Virginia
- West Virginia Society of Architects
- West Virginia Manufacturers Association
- The Homebuilders Association of Charleston
- Tri-State Homebuilders Association
- National Concrete Masonry Association - NCMA
- Brick Institute of America - BIA
- Ohio Concrete Block Association
- Kanawha Valley Mining Institute
- Builders Supply Association of West Virginia
- Putnam County Homebuilders Association
- WV Chamber of Commerce



PEERLESS

Block ♦ Brick ♦ Stone ♦ Hardscape

Shape Catalog

**MASONRY
SHAPES AND SIZES**



BETTER BLOCKS THROUGH EXPERIENCE

- COMMERCIAL
- RESIDENTIAL
- HARDSCAPE / LANDSCAPE
- LINTELS
- MINE BLOCK

www.peerlessblock.com

MARCH 2007



RULE OF THUMB FIGURES

Block

- ☉ 2-1/2 bags mortar per 100 block (40 block per bag)
- ☉ 800 lb. Of Sand per 100 block
- ☉ 1.125 block per sq. ft of wall area
- ☉ 75% of length of wall gives number of block per course
- ☉ Take height of wall (in feet) times 1.5 for number of courses

Brick– Modular

- ☉ Approx. 7 bags of mortar per 1000 brick
- ☉ Approx. 1 ton sand per 1000 brick
- ☉ Figure Brick 7 per sq ft. of wall area (allows for waste)
- ☉ 1-1/2 Brick per running foot on wall
- ☉ 4.625 courses of brick per foot of wall height
- ☉ 5 Brick per sq ft for paving, hearths (laid flat-solid brick)
- ☉ 1 wall tie per every 10 brick (100 wall ties per 1000 brick)

Concrete 4-2-1 — Mix 1 ton gravel, 1/2 ton sand, 6 bags cement = 1 Yard

Fire Clay 2 parts fire clay, 3 parts cement

Filling Block Cores with Concrete

12" Block—1.64 cu. Yd. Per 100 block

8" Block — .93 cu. Yd. Per 100 block

Zonolite 4 cu. ft. Bag fills approx. #9 12" block or #16 8" block

Sand-Gravel– Mortar

2-2 1/2 parts mason sand—1 part mortar = basic mortar mix

1 cu. yd. aggregate = 3000 lb

1 cu. Ft. =110 lb (27 cu. ft. = 1 cu. yd)

<p>AGGREGATES Crushed Limestone, Pea Gravel, River Gravel & Dry Bed, Crusher Run</p> <p>BAGGED PRODUCTS *Cement: Type I, PCL *Mortar: Rich, Brixment *Refractory (Specialized Cements) *Colors (Stock for Mortar & Cement) *Blasting Sand, Fire Clay, Lime, *Patch Products</p> <p>BLOCK *Limestone, Bumper *Cinder, Splash *Gravel Lite *Q-Lite *Split Face (Natural & Colored) *Laborsavers (Mining) *Rebar Block *Sound Block (Acoustical) *Colored Units *Super Block® (Mining) *Custom Masonry Units *Trenwyth Glazed & Ground Face units *W. R. Grace "Dry Block" System *Concrete Pavers</p> <p>GLASS BLOCK *Pittsburgh Corning *Light Wise Windows *Shower Kits</p> <p>RETAINING WALL BLOCK *Anchor Highland Stone (Retaining Wall) *Anchor Highland Freestanding Wall System *Anchor Windsor Block (Retaining Wall) *Anchor Diamond Block (Retaining Wall) *Anchor Border Stone (Landscape Block)</p> <p>INSULATION FOR BLOCK UNITS *Zonelite, Foam Inserts</p> <p>BRICK & CLAY PAVERS *Face Brick Alba, Belden, Boral, Carolina Ceramics, Continental, Cunningham, Cushwa, General Shale, Glen Gery, Harmar, Hanson, Nash, Old Carolina, Old Virginia, Pine Hall, Rocky Ridge *Fire Brick - Superior Clay *Clay Pavers Pine Hall, Whitacre Greer, Old Virginia, General Shale, Belden, Glen Gery</p> <p>CONCRETE & BLOCK COATINGS/ REPAIRS *W. R. Grace Products *Sakrete Products</p>	<p>SAKRETE CONCRETE MIXES - PREPACKAGED *Gravel Mix *Sand Mix *Mortar Mix</p> <p>STONE *Eldorado Stone *Dutch Quality *Cultured Stone</p> <p>EXPANSION JOINT *Concrete & Block</p> <p>FIREPLACE *Ash Dumps, Chimney Tops *Clean Out Doors, Dampers *Clay Thimbles, Flu Liners</p> <p>MASONRY COATINGS & SEALANTS *American Stone Mix *W. R. Grace Products *Prosoco</p> <p>MASONRY CLEANERS *Prosoco Masonry Cleaners</p> <p>MASONRY TOOLS *Brick Trowels, Pointing Trowels, Jointers, Fillers & Rakers, Brick Hammers *Masonry Line *Line Blocks & Levels *Brushes *Tongs</p> <p>PLASTIC PRODUCTS *Plastic Sheets & Covers</p> <p>SAND *Masonry, White *Blasting Sand (Black Beauty & Silica) *Concrete, Filtration Sand *Dry Bed</p> <p>STEEL PRODUCTS *Anchor Bolts *Angles *Reinforcing Wall (Dur-o-Wal) *Rebar, Tie Wire, Wire Mesh *Foundation Vents</p> <p>MISCELLANEOUS PRODUCTS *Tapes & Rulers, Gloves *Line Stretchers, Chisels</p> <p>LANDSCAPE PRODUCTS *Navastone Concrete Pavers & Patio Stones *Belgard Concrete Pavers *</p>
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Concrete Lintels for concrete masonry construction.

In residential and commercial buildings of concrete masonry, concrete lintels are often used to span openings in the walls. These horizontal members function as beams in supporting the weight of the wall, as well as other dead and live loads over the openings, and transmitting these loads to the adjacent masonry. Flexural strength, shear strength, and deflection are critical to the design of lintels.

At Peerless, we manufacture a large selection of sizes to fit your needs. Available in 4, 6 and 8 inch widths and



PEERLESS HAS 3 LOCATIONS TO SERVE YOU!

400 Oliver Steet Saint Albans, WV 25177
Phone: 304-727-4301 Fax: 304-727-4306

1001 Peyton Street Barboursville, WV 25504
Phone: 304-302-2038 Fax: 304-302-2039

205 Hickory Street Parkersburg, WV 26101
Phone: 304-485-7333 Fax: 304-485-9806

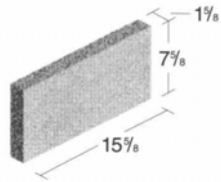
www.peerlessblock.com

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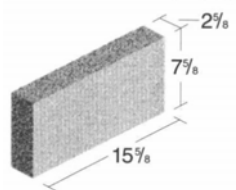
If the block you need is not listed, check with your sales representative for your specific need.

MISCELLANEOUS	4
4 INCH UNITS	5
4 INCH SPLIT FACE UNITS	15
4 INCH WALL CORNER DETAILS	22
6 INCH UNITS	6
6 INCH WALL CORNER DETAILS	23
8 INCH UNITS	7
8 INCH SPLIT FACE UNITS	16
8 INCH WALL CORNER DETAILS	23
10 INCH UNITS	10
10 INCH WALL CORNER DETAILS	24
12 INCH UNITS	11
12 INCH SPLIT FACE UNITS	17
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14 INCH UNITS	14
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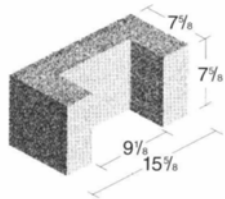
Peerless can manufacture CMU's in Normal, Medium, and Light-weight products. Check with a Peerless for availability and price.



2 x 8 x 16
SOLID



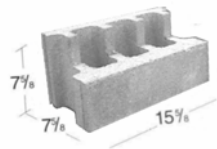
3 x 8 x 16
*SOLID



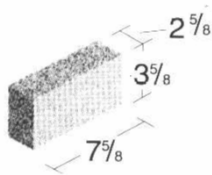
8 x 8 x 16
CHIMNEY BLOCK

Also available in 8x12x16

Shown in section, produced as one unit.

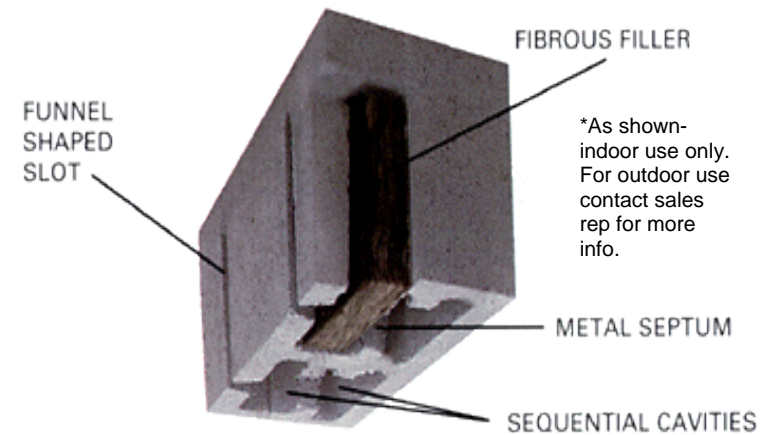


8 x 8 x 16
HEADER



3 x 4 x 8
CONCRETE BRICK

SOUNDBLOX derive their excellent sound absorption from a unique cavity-slot resonator construction. The cavities are closed at the top, and the slots allow the cavities to function as damped (Helmholtz) resonators - an excellent sound absorption tool at low frequencies. The slots of the RSR, RSC and Q Type units are funnel shaped for superior acoustical performance. The amount of sound absorbed by properly installed SOUNDBLOX is increased dramatically when units incorporating a metal septum (membrane or divider) and fibrous filler in the cavity are specified. Together with funnel-shaped slots, these units provide higher levels of sound absorption across a wider range of frequencies. In addition to sound absorption, SOUNDBLOX walls have a superior sound transmission loss (STC) performance rating when compared to walls of ordinary, hollow concrete blocks made of similar aggregates.



SOUND ABSORPTION COEFFICIENTS - TYPE RSC

Size: 4"
Surface: Painted
Exposed Slots/Cavities: 2/3
Frequency (Hertz) NRC: .80

Size: 6"
Surface: Painted
Exposed Slots/Cavities: 2/3
Frequency (Hertz) NRC: .85

Size: 8"
Surface: Painted
Exposed Slots/Cavities: 2/4
Frequency (Hertz) NRC: .80

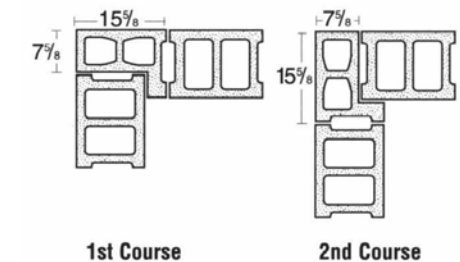
Size: 12"
Surface: Painted
Exposed Slots/Cavities: 2/4
Frequency (Hertz) NRC: .85



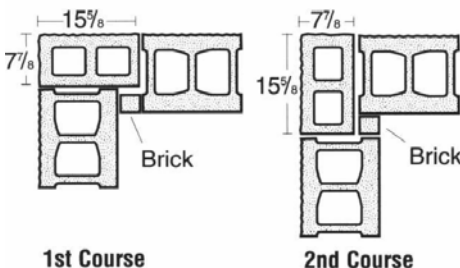
Peerless Block and Brick
proudly stocks **BRIXMENT**.....
the masonry cement of choice for over 80 years.

Essroc, the makers of Brixment, Brixment-in-Colors, and Saylor's P.L.U.S Portland & lime blend are proud to offer a variety of AIA/CES programs in support of architect's needs for continuing education.

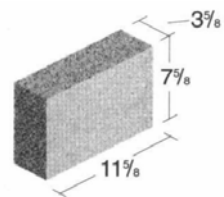
For product samples or information about our continuing education programs, please contact Clayton Willis at 800-368-4902.



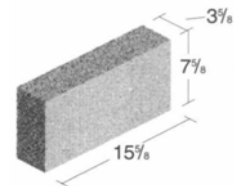
12" WALL
USING
12 x 8 x 16
RETURN CORNER



12" WALL
USING
8 x 8 x 16
CORNER & END
SPLIT FACE

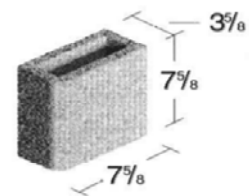


4 x 8 x 12
SOLID

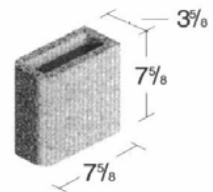


4 x 8 x 16
SOLID

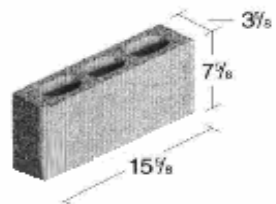
4 INCH BULLNOSE UNITS



4 x 8 x 8
SINGLE BULLNOSE

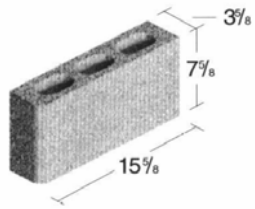


4 x 8 x 8
DOUBLE BULLNOSE 1 END

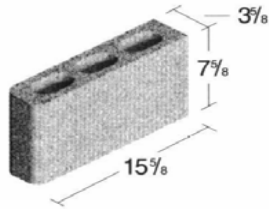


4 x 8 x 16
REGULAR

*Available in hard metric
100x200x400

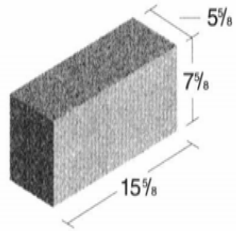


4 x 8 x 16
SINGLE BULLNOSE

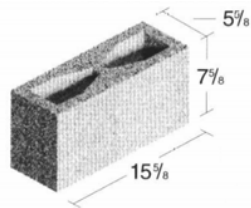


4 x 8 x 16
DOUBLE BULLNOSE 1 END

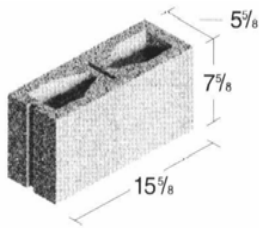
6 INCH UNITS



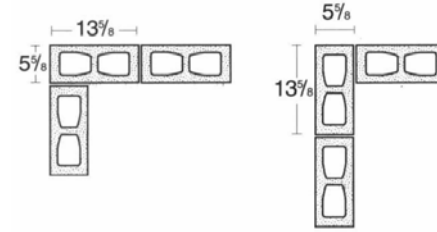
6 x 8 x 16
SOLID



6 x 8 x 16
STRETCHER
*Available in hard metric
150x200x400



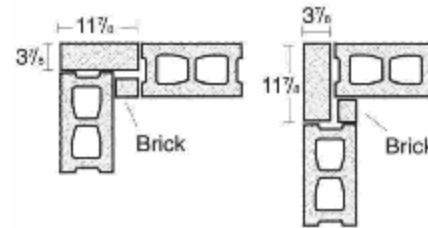
6 x 8 x 16
SASH & CORNER W/ BREAKER



1st Course

2nd Course

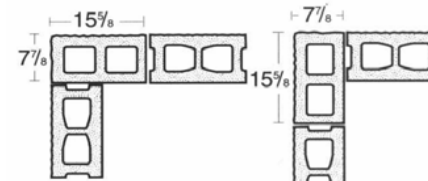
6" WALL
USING
4 x 8 x 16
DOUBLE END



1st Course

2nd Course

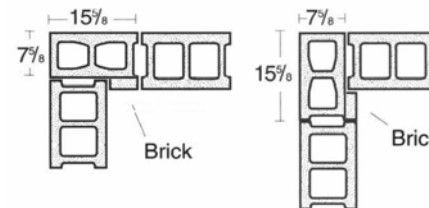
8" WALL
USING
4 x 8 x 12
SOLID CORNER &
END SPLIT FACE



1st Course

2nd Course

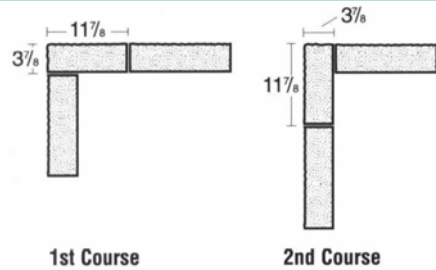
8" WALL
USING
8 x 8 x 16
CORNER &
END SPLIT FACE



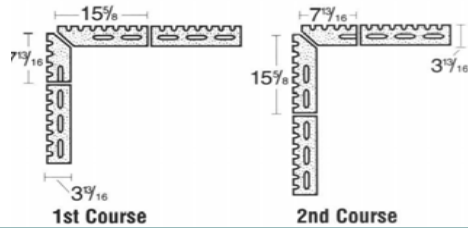
1st Course

2nd Course

10" WALL
USING
8 x 8 x 16
RETURN CORNER



4" WALL USING
4 x 8 x 12
SOLID CORNER &
END SPLIT FACE



4" WALL USING
4 x 8 x 16
45 CORNER & END
8 & 4 FLUTE SPLIT
FACE



THE DRY-BLOCK® SYSTEM FOR CONCRETE MASONRY WALLS

- Two Separate Liquid Admixtures and a Sealer

DRY-BLOCK® BLOCK ADMIXTURE

DRY-BLOCK® MORTAR ADMIXTURE

- Provides water-repellent blocks and mortar
- Reduces the risk of efflorescence
- Improves mortar bond strength



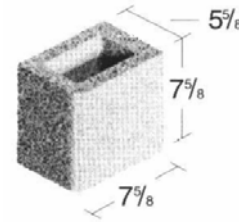
INFINISEAL™ DB
WATER-REPELLENT SEALER

INFINISEAL DB™ SEALER FOR DRY-BLOCK WALLS

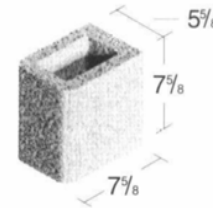
- Clear, penetrating blend of silanes and siloxanes
- Provides maximum protection against water intrusion
- Maintains the structure's breathability
- Safe for the environment (VOC compliant)

www.graceconstruction.com

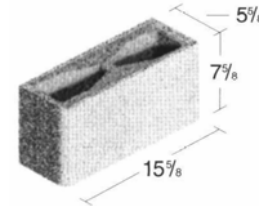
INFINISEAL is a trademark and DRY-BLOCK is a registered trademark of W.R. Grace & Co.—Conn.



6 x 8 x 8
SINGLE BULLNOSE

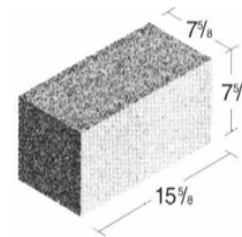


6 x 8 x 8
DOUBLE BULLNOSE 1 END

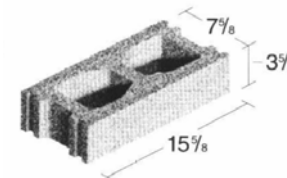


6 x 8 x 16
SINGLE BULLNOSE CORNER

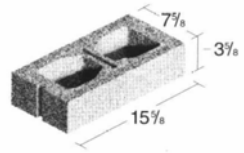
8 INCH UNITS



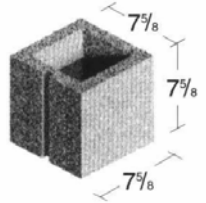
8 x 8 x 16
*SOLID



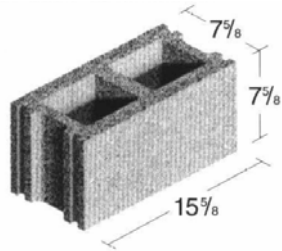
8 x 4 x 16
* HALF HIGH STRETCHER



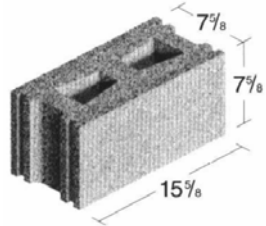
8 x 4 x 16
* HALF HIGH SASH & CORNER W/
BREAKER



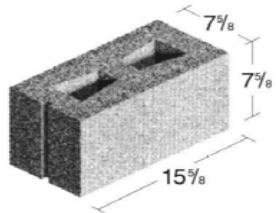
8 x 8 x 8
HALF SASH & CORNER



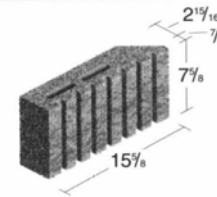
8 x 8 x 16
STRETCHER
* Available in hard metric
200x200x400



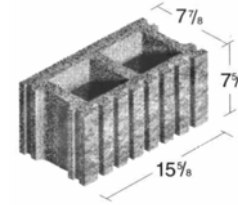
8 x 8 x 16
* 75% SOLID STRETCHER



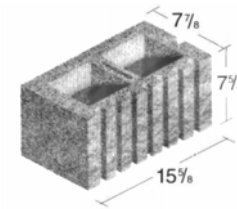
8 x 8 x 16
* 75% SOLID SASH & CORNER



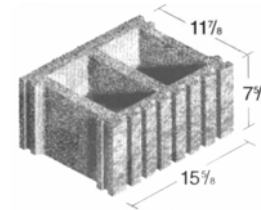
4 x 8 x 16
* 45 DEGREE MITERED
8 FLUTE SPLIT FACE



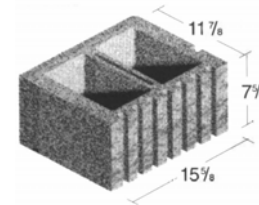
8 x 8 x 16
* STRETCHER 8 FLUTE
SPLIT FACE



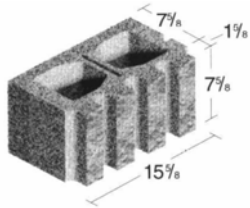
8 x 8 x 16
* SASH & CORNER W/BREAKER
8 FLUTE SPLIT FACE



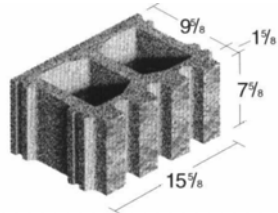
12 x 8 x 16
* STRETCHER 8 FLUTE
SPLIT FACE



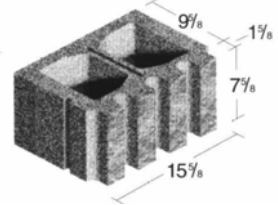
12 x 8 x 16
* SASH & CORNER W/BREAKER
8 FLUTE SPLIT FACE



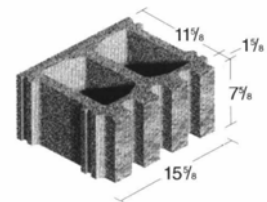
8 x 8 x 16
* SASH & CORNER W/ BREAKER
4 FLUTE SPLIT FACE



10 x 8 x 16
* STRETCHER 4 FLUTE
SPLIT FACE



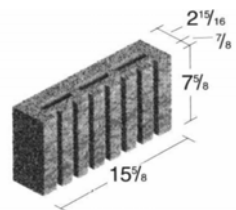
10 x 8 x 16
* SASH & CORNER W/ BREAKER
4 FLUTE SPLIT FACE



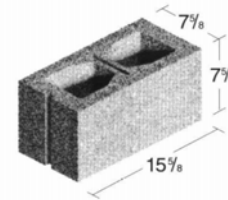
12 x 8 x 16
* STRETCHER DEEP
4 FLUTE SPLIT FACE
Available with or without protrusion
included in stated measurements

FLUTED BLOCK

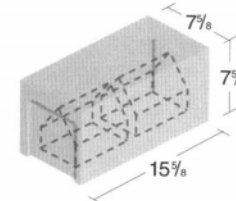
8 flute



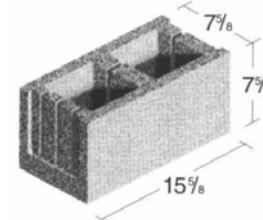
4 x 8 x 16
* 8 FLUTE
SPLIT FACE



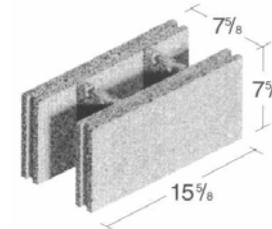
8 x 8 x 16
SASH & CORNER W/ BREAKER



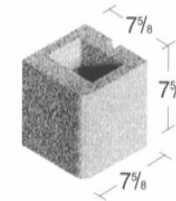
8 x 8 x 16
* TERMITE -FHA



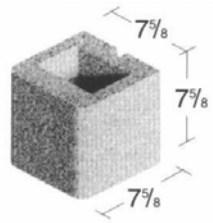
8 x 8 x 16
OPEN BOTTOM BOND BEAM KO
*Available in hard metric 200x200x400



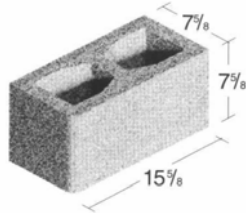
8 x 8 x 16
REBAR



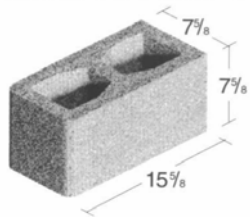
8 x 8 x 8
HALF SINGLE BULLNOSE & SASH



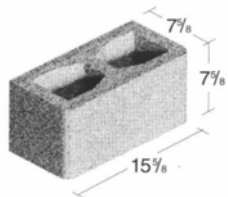
8 x 8 x 8
HALF DOUBLE BULLNOSE & SASH



8 x 8 x 16
SINGLE BULLNOSE & CORNER

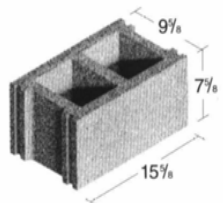


8 x 8 x 16
DOUBLE BULLNOSE 1 END & CORNER

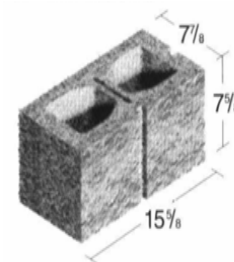


8 x 8 x 16
* DOUBLE BULLNOSE END

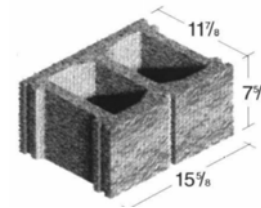
10 INCH UNITS



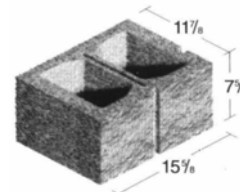
10 x 8 x 16
STRETCHER



8 x 8 x 16
* SASH & CORNER W/
BREAKER SINGLE SCORE
SPLIT FACE



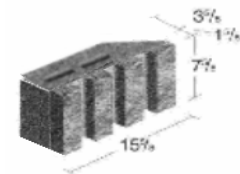
12 x 8 x 16
* STRETCHER SINGLE SCORE
SPLIT FACE



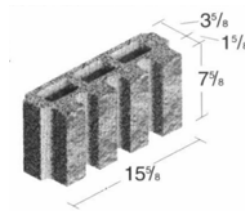
12 x 8 x 16
* SASH & CORNER BREAKER
SINGLE SCORE SPLIT FACE

FLUTED BLOCK

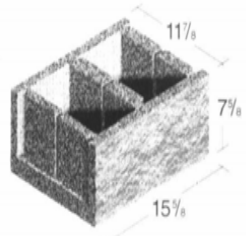
4 flute



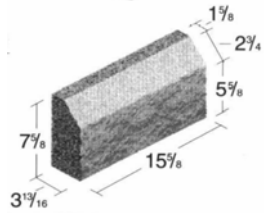
4 x 8 x 16
* 4 FLUTE MITERED SPLIT
FACE



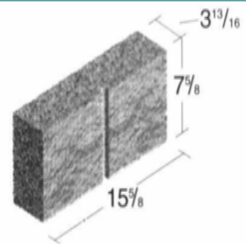
4 x 8 x 16
* 4 FLUTE SPLIT FACE
102X203X406



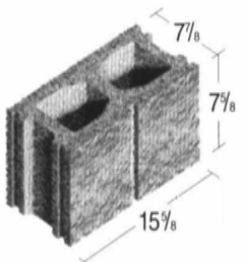
12 x 8 x 16
* OPEN BOTTOM BOND BEAM
KNOCK OUT SPLIT FACE



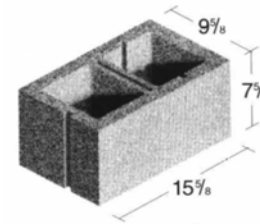
4 x 8 x 16
* SOLID CHAMFERED SILL
SPLIT FACE



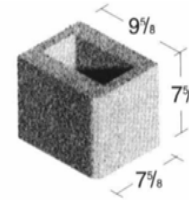
4 x 8 x 16
* SOLID SINGLE SCORE
SPLIT FACE



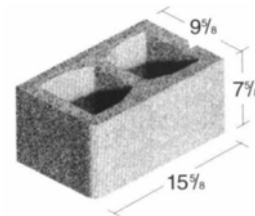
8 x 8 x 16
* STRETCHER SINGLE SCORE
SPLIT FACE



10 x 8 x 16
SASH & CORNER W/ BREAKER

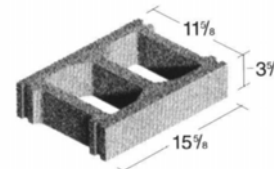


10 x 8 x 8
* HALF SINGLE BULLNOSE &
CORNER

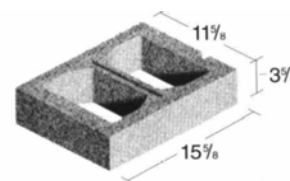


10 x 8 x 16
* SINGLE BULLNOSE & SASH

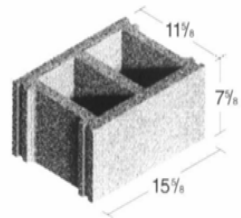
12 INCH UNITS



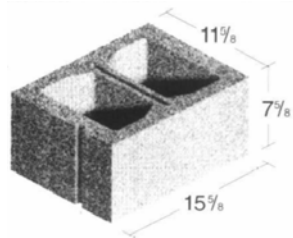
12 x 4 x 16
* HALF HIGH STRETCHER



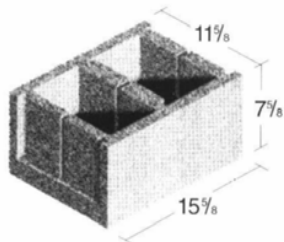
12 x 4 x 16
* HALF HIGH SASH &
CORNER W/ BREAKER



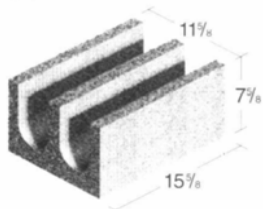
12 x 8 x 16
STRETCHER



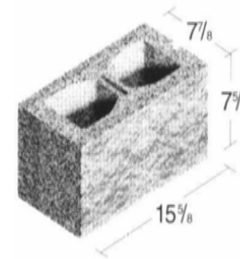
12 x 8 x 16
SASH & CORNER W/ BREAKER



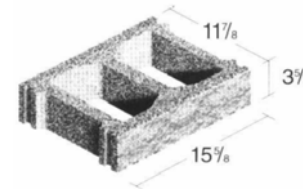
12 x 8 x 16
* SOLID BOTTOM BOND
BEAM KO
*Also available in Open Bottom



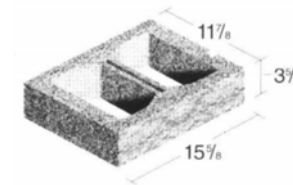
12 x 8 x 16
W BOND BEAM SOLID
BOTTOM



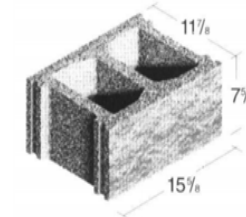
8 x 8 x 16
SPLIT FACE & 1 END
W/ SASH & BREAKER



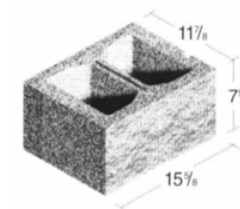
12 x 4 x 16
* HALF HIGH STRETCHER
SPLIT FACE



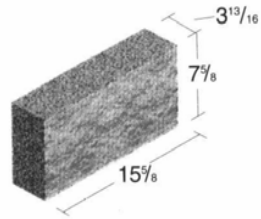
12 x 4 x 16
* HALF HIGH SPLIT
FACE W/ SASH



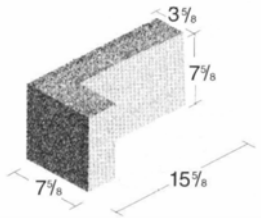
12 x 8 x 16
STRETCHER SPLIT FACE



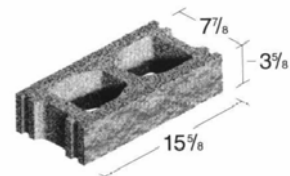
12 x 8 x 16
SPLIT FACE
W/ SASH & BREAKER



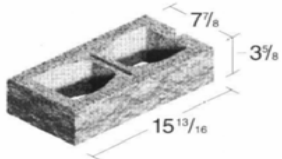
4 x 8 x 16
SOLID SPLIT FACE
Also available in 3 Core Hollow
* Available in 3 Core hard metric



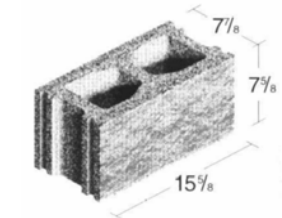
4 x 8 x 16
SPLIT FACE L CORNER



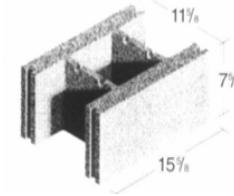
8 x 4 x 16
* HALF HIGH STRETCHER
SPLIT FACE



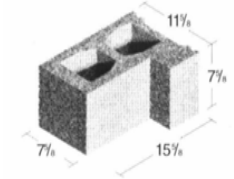
8 x 4 x 16
* HALF HIGH SPLIT FACE &
1 END W/ SASH &
BREAKER



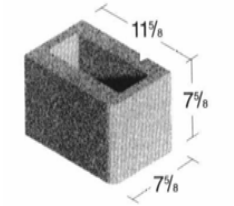
8 x 8 x 16
STRETCHER SPLIT FACE
* Available in hard metric
200x200x400



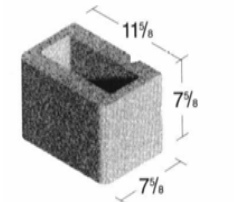
12 x 8 x 16
REBAR



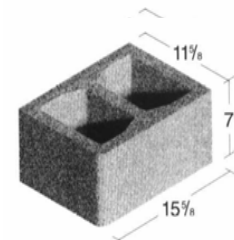
12 x 8 x 16
L CORNER



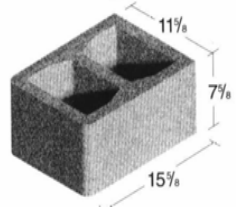
12 x 8 x 8
* HALF SINGLE BULLNOSE
&SASH



12 x 8 x 8
* HALF DOUBLE BULLNOSE & SASH

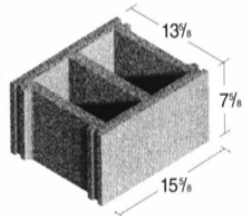


12 x 8 x 16
* SINGLE BULLNOSE & CORNER



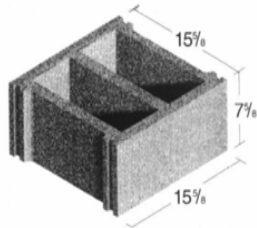
12 x 8 x 16
* DOUBLE BULLNOSE 1 END
& CORNER

14 INCH UNITS

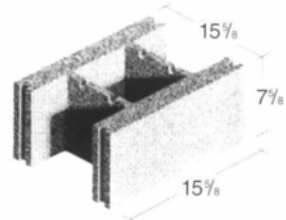


14 x 8 x 16
STRETCHER

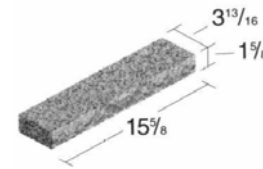
16 INCH UNITS



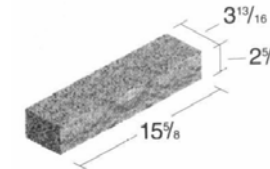
16 x 8 x 16
STRETCHER



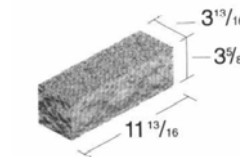
16 x 8 x 16
REBAR



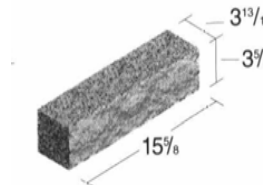
4 x 2 x 16
* SOLID SPLIT FACE



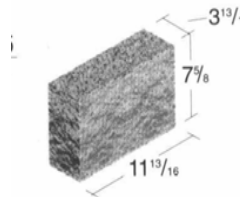
4 x 3 x 16
* SOLID SPLIT FACE



4 x 4 x 12
* HALF HIGH SOLID SPLIT
FACE & 1 END



4 x 4 x 16
* HALF HIGH SOLID SPLIT
FACE



4 x 8 x 12
SOLID SPLIT FACE & 1 END