

Masonry Quick Reference Pocket Guide



ANCHOR[®]
BUILD SOMETHING BEAUTIFUL

Table of Contents

MASONRY VENEERS

Bravissi®	3-4
Bravissi® Patterns	5
Tecture Stone®	6
Tecture Stone® patterns	7
Anchor™ Brick (veneers and structural masonry)	8
Trattino™ (veneers and structural masonry)	9-10

STRUCTURAL MASONRY

Solid Block	12-13
4"	14
6"	15
8"	16-17
10"	18
12"	19-20
14"	21
16"	22
Tufut®	23-24
Tufut® Patterns	25-26
Anchor Headlok System® Units	27
LivingStone™ System	28

Additional Textures

<i>Break-Off Broken, Unbroken</i>	29
<i>Scored Finish, Split Face, Corduroy</i>	30
Rockface finish	31-37
Soundblox®	38-39
Astra-Glaze-SW+®	40
Crescent Face	41
Sills	42-44
Caps	45
EnerBlock™	46

TECHNICAL DATA

R-Values	47-48
Rated Fire Resistive Periods	49
Weight and Delivery Data	50-53
Core-Filling Data	54
Anchor™ Landscape Product Reference	55
Contact Information	56

Color Chart located on inside back cover.

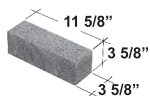


Masonry Veneers

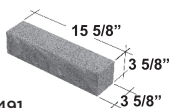
Veneers lend warmth, character and personality to the dutiful gray block your structures rely on.

Bravissi® masonry veneer

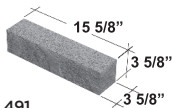
Modeled after classic, hand-chiseled masonry, this highly realistic stone-look veneer is the ideal choice for your most distinctive structures. The Bravissi® masonry veneer line offers a creative way to create a beautiful, lasting impression. Chiseled face texture creates a unique shadow effect. (Also available with a smooth face finish and Satin™ fine finish).



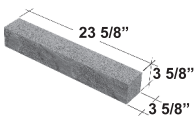
492
4 x 4 x 12 Face & End



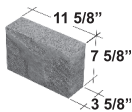
491
4 x 4 x 16



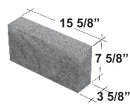
491
4 x 4 x 16 Face & End



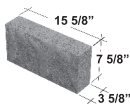
485
4 x 4 x 24



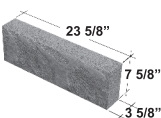
493
4 x 8 x 12 Face & End



490
4 x 8 x 16 Face & End



490
4 x 8 x 16

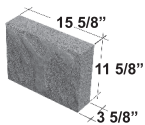


487
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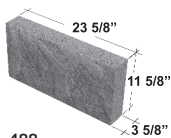


494
4 x 12 x 12

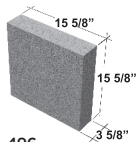
Bravissi® masonry veneer



497
4 x 12 x 16

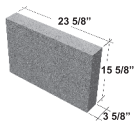


488
4 x 12 x 24



496
4 x 16 x 16

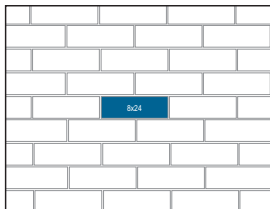
(Available in Satin™ fine finish only)



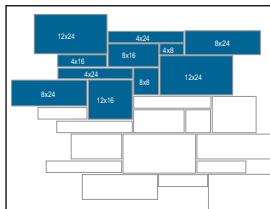
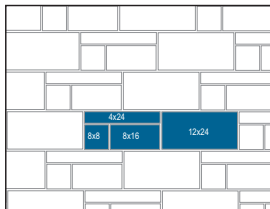
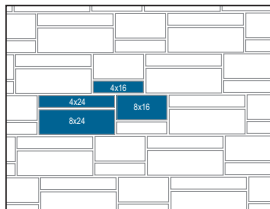
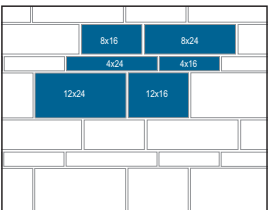
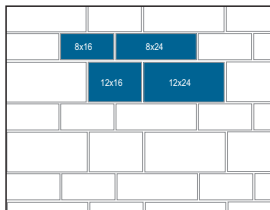
489
4 x 16 x 24

(Available in Satin™ fine finish only)

Bravissi® masonry veneer patterns

**Pattern 1**

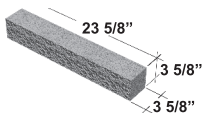
Unit Sizes: 8" X 24"

**Pattern 2 Random**Unit Sizes: 4" X 8", 4" X 16", 4" X 24",
8" X 8", 8" X 16", 8" X 24", 12" X 16", 12" X 24"**Pattern 3**Unit Sizes: 4" X 24", 8" X 8", 8" X 16",
12" X 24"**Pattern 4**Unit Sizes: 4" X 16", 4" X 24", 8" X 16",
8" X 24"**Pattern 5**Unit Sizes: 4" X 16", 4" X 24", 8" X 16",
8" X 24", 12" X 16", 12" X 24"**Pattern 6**Unit Sizes: 8" X 16", 8" X 24", 12" X 16",
12" X 24"

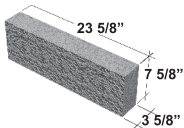
* Field cut piece

Techure Stone® masonry veneer

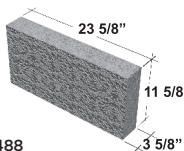
Now architects can achieve a level of design elegance that overshadows the ordinary. The naturally unpredictable splitting block gives the designer a unique texture that is convex and concave in different areas of the split block. Available in rockface, burnished, smooth and Satin™ fine finishes and colors.



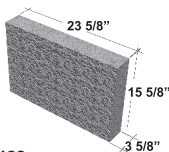
485
Solid 4 x 4 x 24



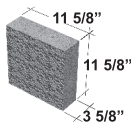
487
Solid 4 x 8 x 24



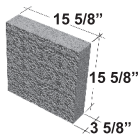
488
Solid 4 x 12 x 24



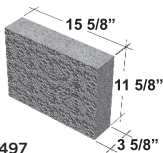
489
Solid 4 x 16 x 24



494
Solid 4 x 12 x 12



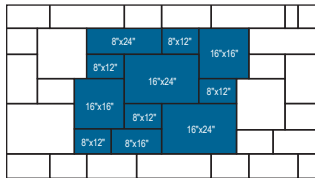
496
Solid 4 x 16 x 16



497
Solid 4 x 12 x 16

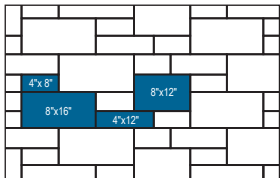
Tecture Stone[®] masonry veneer patterns

Anchor Block Company has developed pattern examples to use when creating Tecture Stone masonry veneer walls. These patterns optimize block usage and give walls a stunning appearance.



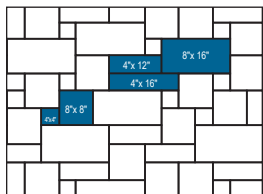
Pattern 1

Unit Sizes: 8" X 12", 8" X 24", 16" X 16",
16" X 24"



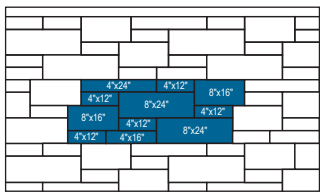
Pattern 2

Unit Sizes: 4" X 8", 4" X 12", 8" X 12",
8" X 16"



Pattern 3

Unit Sizes: 4" X 4", 4" X 12", 4" X 16",
8" X 8", 8" X 16"



Pattern 4

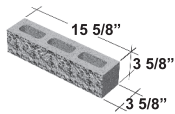
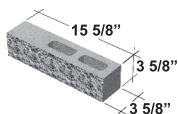
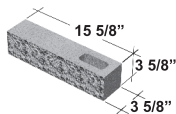
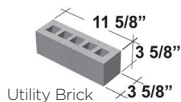
Unit Sizes: 8" X 12", 8" X 24", 16" X 16",
16" X 24"

* Field cut piece



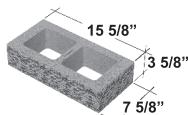
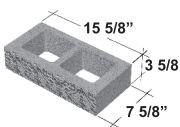
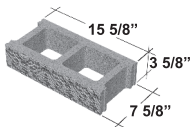
Anchor™ Brick units

Anchor™ Brick offers the aesthetics of classic brick masonry combined with the economies of single-wythe masonry construction, which eliminates the costs of traditional structural backup. Available in rockface, burnished, smooth and Trattino™ finishes and colors.



450LVLS

Single Core & Splittable End & Double End Mixed

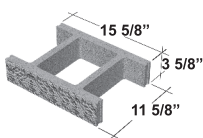
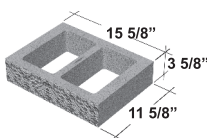
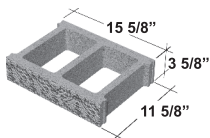


850RKPF

Half High Plain & Double End Mixed

852RKPF

Half High, Face & End



1250RKPF

Half High Plain & Double End Mixed

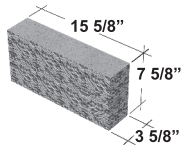
1251RKPF

Half High Open Core

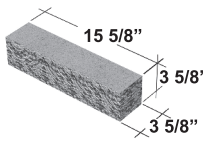
Trattino™ finish

Smooth and unfilled textured surface provides a random appearance emulating the look of natural travertine; available in concrete masonry veneers and structural units.

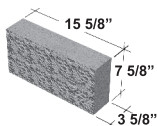
Veneers



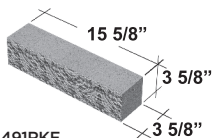
432RKF
4x8x16 F&E



452RKF
4x4x16 F&E



490RKF
4x8x16

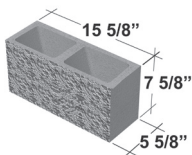


491RKF
4 x 4 x 16

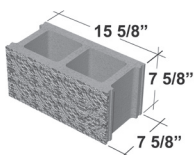


Trattino™ finish

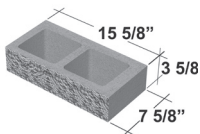
Structural Block



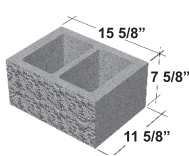
690
6x8x16



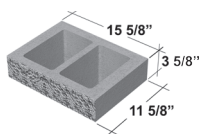
800RKF
8x8x16



891RKF
8x4x16



1202RKF
12x8x16



1291RKF
12x4x16



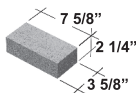
Structural Masonry

Our structural masonry collection enables designers to meld shape, scale and finish to create structures which satisfy design in purpose and appearance, and in many cases even surpass expectations.

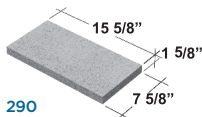
Standard Concrete Masonry Units

The structural standard of masonry block. Several sizes and fittings available. Available in a variety of shapes and sizes.

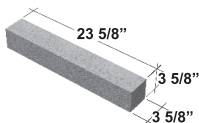
Solid Block



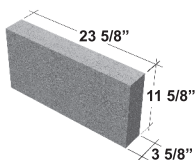
199
Modular Brick



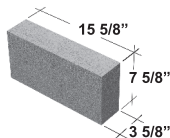
290
Soap



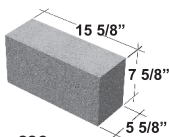
485
Solid



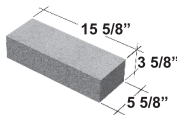
488
Solid



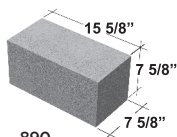
490
Solid



690
Solid

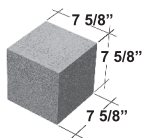


691
Solid

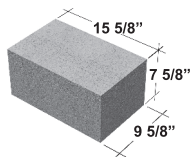


890
Solid

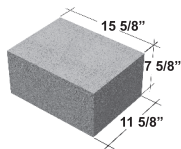
Solid Block



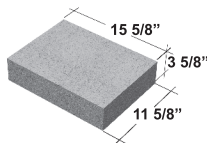
895
Solid



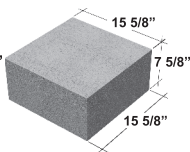
1090
Solid



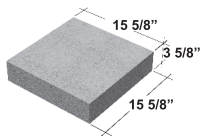
1290
Solid



1291
Solid

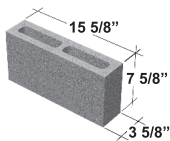


1690
Solid

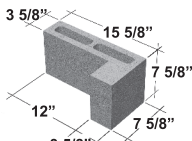


1691
Solid

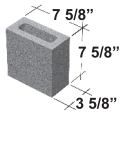
4" Block



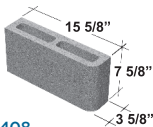
402
Double End



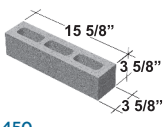
403
L Corner



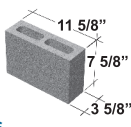
405
Half Long



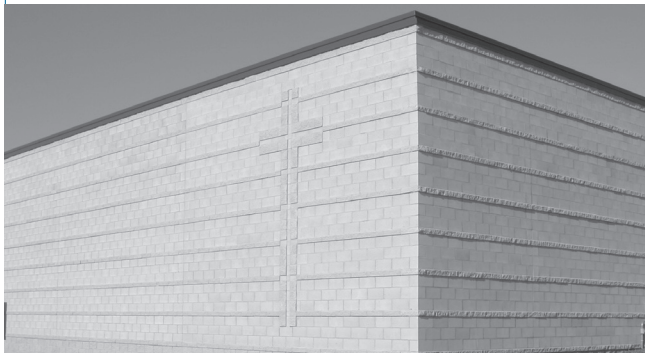
408
Single Bull Nose



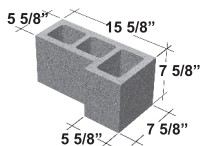
450
Half High



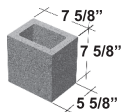
476
Three-Quarter Long



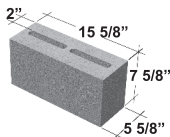
6" Block



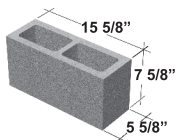
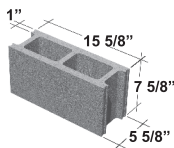
603
L Corner



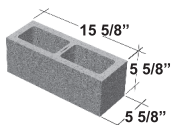
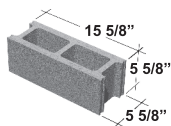
605
Half Long



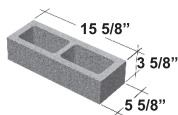
616
2 HR Fire Rated



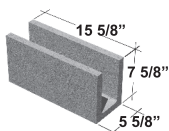
623
Plain & Double End Mixed



630
5-5/8" High Plain & Double End Mixed

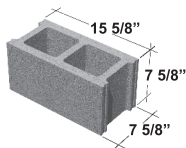


650
Half High Double End

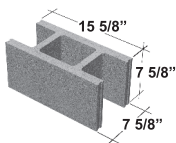


672
Bond Beam

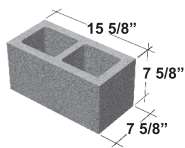
8" Block



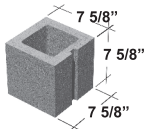
800
Plain, 1-1/4" Face Shell



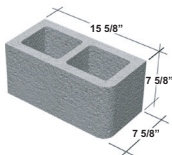
801
Open Core



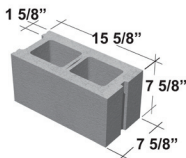
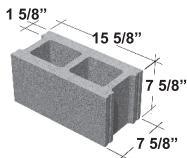
802
Double End



805
Half Long

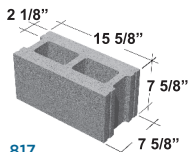


808
Single Bull Nose

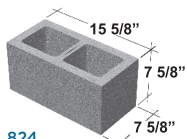


816
Mixed Plain Split 2HR Fire Rated

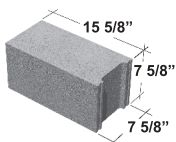
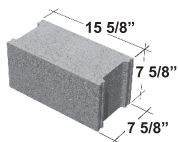
8" Block



817
3 HR Fire Rated

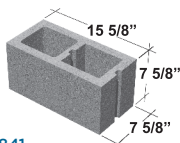


824
Double End Splittable



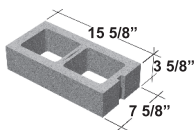
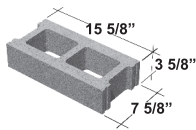
825

Fill Top Mixed



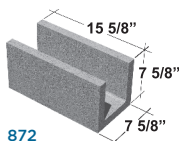
841

Knock-Out High Lintel

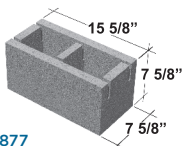


850

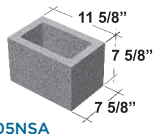
Half High Double End Mixed



872
Bond Beam,
1-1/2" Face Shell

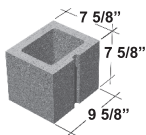


877
Flo Thru Bond Beam

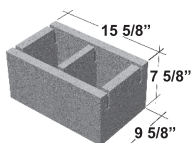


1205NSA
Three-Quarter Long

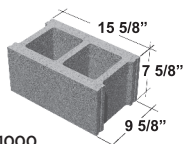
10" Block



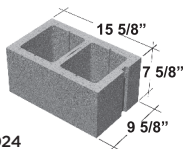
1005
Half Long



1077
Flo Thru Bond Beam



1000
Plain, 1-1/4" Face Shell

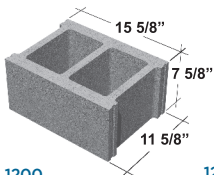


1024
Splittable

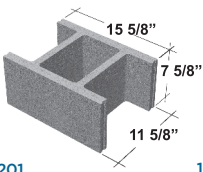
1020

10" Mixed is Plain & Splittable w/s

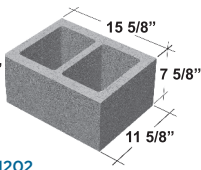
12" Block



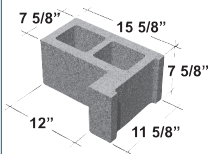
1200
Plain, 1-1/4" Face Shell



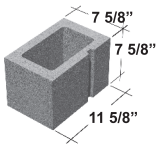
1201
Open Core



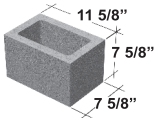
1202
Double End



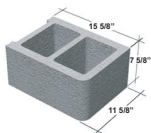
1203
L Corner



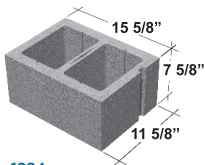
1205
Half Long with Sash



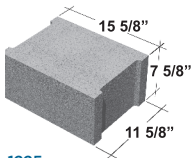
1205NSA
Half Long, no Sash



1208
Single Bullnose

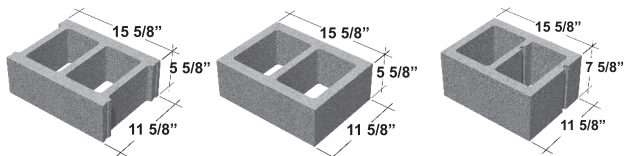


1224
Splittable



1225
Solid

12" Block

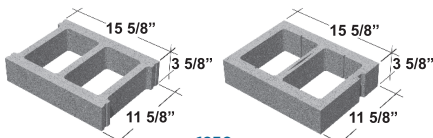


1230

5-5/8" High Plain & Double End Mixed

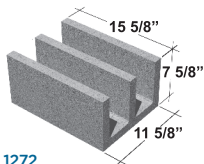
1241

Knock-Out, Hi-Lintel



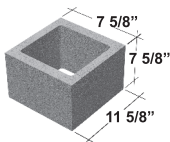
1250

Half High Plain & Double End Mixed



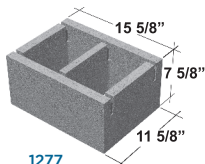
1272

Bond Beam Face Shell



1276

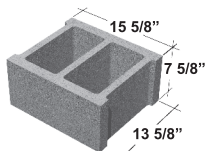
Three-Quarter Long



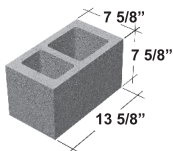
1277

Flo Thru Bond Beam

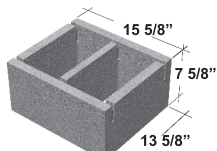
14" Block



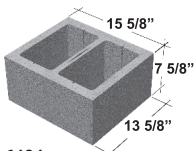
1400
Plain, 1-1/2" Face Shell



1405
Half Long

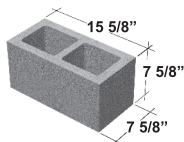


1477
Flo Thru Bond Beam

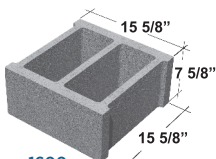


1424
Double End Splittable

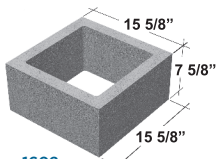
16" Block



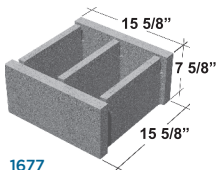
802
Double End Corner



1600
Plain, 1-1/2" Face Shell



1602
Column Block

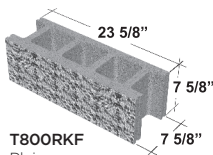


1677
Pour Thru Bond Beam

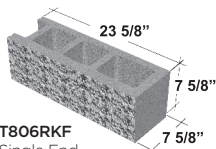
Tufut™ masonry units

This unique two-foot long structural masonry unit not only offers more design flexibility, it lowers project costs and increases productivity by covering more space with fewer blocks. Available in Rockface and smooth finishes.

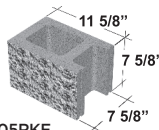
Rockface



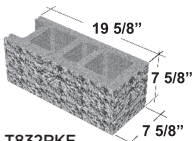
T800RKF
Plain



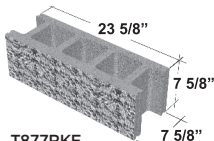
T806RKF
Single End



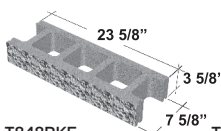
T805RKF
Half Block



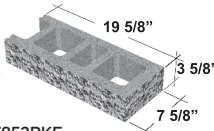
T832RKF
Face & End



T877RKF
Pour Thru Bond Beam



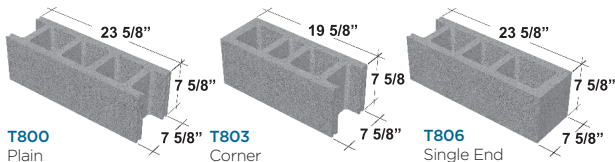
T848RKF
Plain



T852RKF
1/2 Bond Corner

Tufut™ masonry units

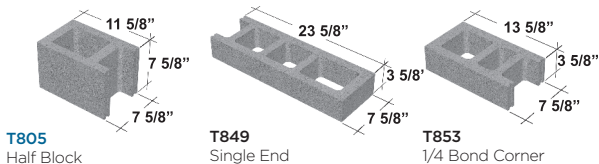
Smooth



T800
Plain

T803
Corner

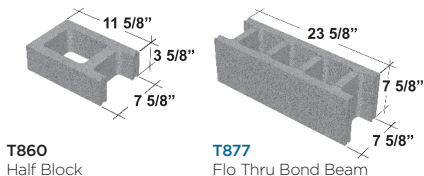
T806
Single End



T805
Half Block

T849
Single End

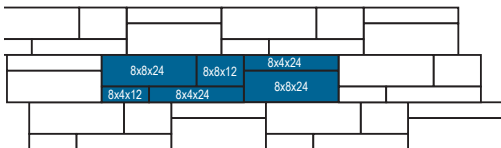
T853
1/4 Bond Corner



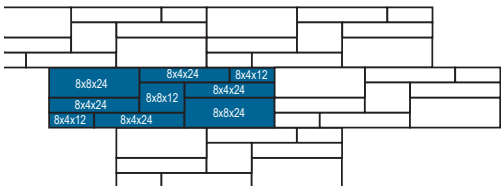
T860
Half Block

T877
Flo Thru Bond Beam

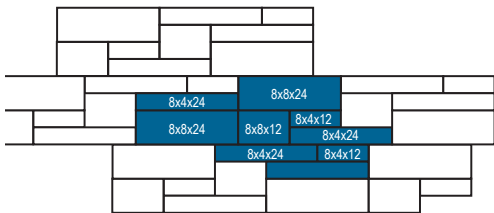
Tufut™ masonry unit patterns



Pattern 1 - 12"x60" Patterned Ashlar
 Unit Sizes: 8"x4"x12", 8"x4"x24", 8"x8"x12", 8"x8"x24"



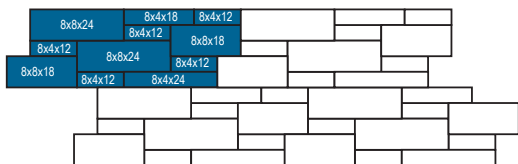
Pattern 2 - 16"x60" Patterned Ashlar
 Unit Sizes: 8"x4"x12", 8"x4"x24", 8"x8"x12", 8"x8"x24"



Pattern 3 - 16"x60" Patterned Ashlar
 Unit Sizes: 8"x4"x12", 8"x4"x24", 8"x8"x12", 8"x8"x24"

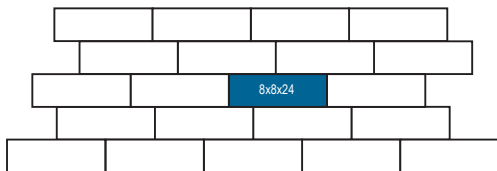
* Field cut piece

Tufut™ masonry unit patterns



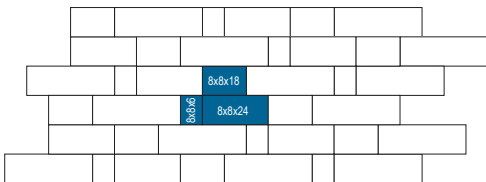
Pattern 4 - 20"x54" Patterned Ashlar

Unit Sizes: 8"x4"x12", 8"x4"x18", 8"x4"x24**", 8"x8"x18**", 8"x8"x24"



Pattern 5 - 8"x8"x24" Full Bond/Quarter Bond

Unit Sizes: 8"x8"x24"



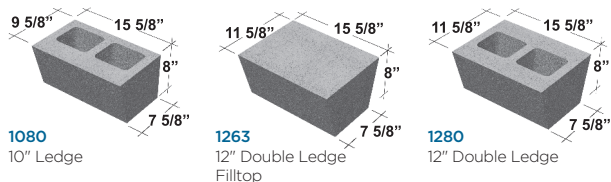
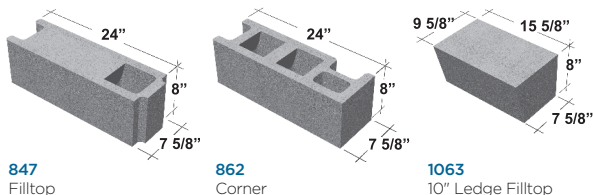
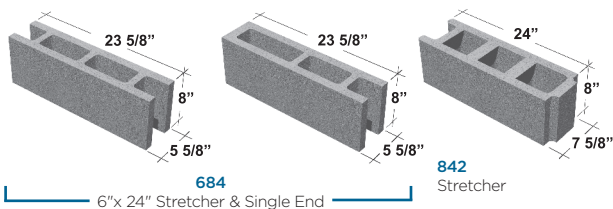
Pattern 6 - Coursed Ashlar

Unit Sizes: 8"x8"x6**", 8"x8"x18**", 8"x8"x24"

* Field cut piece

Anchor Headlok System® structural masonry units

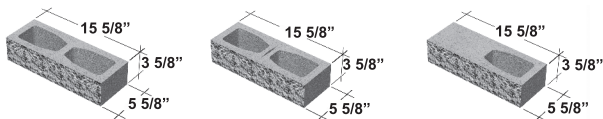
Construct below-grade masonry frost footing foundations faster and more easily using Anchor Headlock System® structural masonry units. Each block locks into the next one, eliminating the need for vertical head joints, thus reducing installation costs. This system will accommodate the requirements of various foundation bearing wall configurations, including floor bearing and brick ledge details.



LivingStone™ System structural masonry units

LivingStone System structural masonry units offer the aesthetic of classic brick masonry combined with the economies of single-wythe masonry construction by eliminating the costs of traditional structural back-up.

- Livingstone system concrete masonry construction is virtually soundproof.
- Fire resistant, energy efficient and low maintenance make this an economical choice.
- Available in smooth, rockface and burnished finishes.



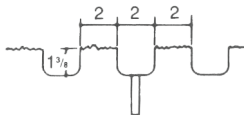
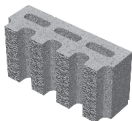
650* LVS

Double End & Double End Splittable & Single Core

Additional Textures (Advance order required)

Break-Off Broken finish

Reliable, durable, beautiful. The distinctive uniform-ribbed surface features a rough-textured face.



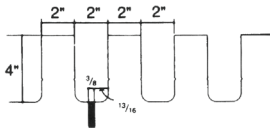
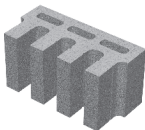
Typical Joint Detail

Sizes - Break-Off Broken, Break-Off Unbroken

4"	8"	12"
4"x8"x16"	8"x8"x16"	12"x8"x16"
4"x8"x8"	8"x8"x8"	12"x8"x8"

Break-Off Unbroken finish

A twin to Break-Off Broken with one exception: the raised ribs are smooth, not rough, for a more polished appearance befitting a contemporary design.

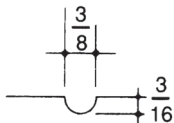


Typical Joint Detail

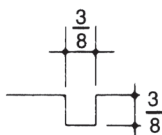
Additional Textures

Scored finish

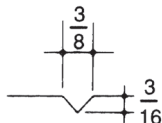
Choose between three unique face scores to give your blocks added texture. Or, combine scoring techniques for a new look. Custom scoring can be applied to one, two or three sides of your blocks.



Concave



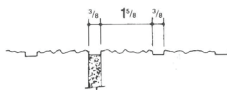
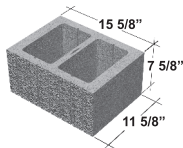
Rake



Vee

Split Face

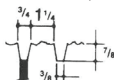
With its attractive rocklike appearance, Split Face is a popular choice for a wide variety of applications



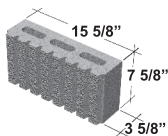
TYPICAL JOINT DETAIL

Corduroy finish

Corduroy finish creates a powerful visual statement as its strong vertical lines play with light and shadows.

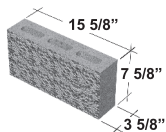


TYPICAL JOINT DETAIL

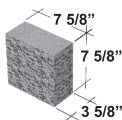


Rockface finish

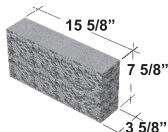
Rockface split texture on veneers or structural blocks offers the look of genuine cut stone. Aesthetics, combined with structural integrity, offers infinite design possibilities.



402RKF
Double End



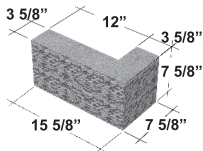
405RKF
Half Long



432RKF
Face & End

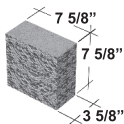


Rockface finish



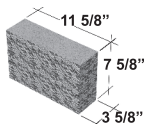
433RK

L Corner & End



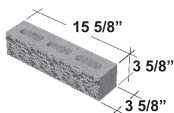
435RK

Half Long Face & End



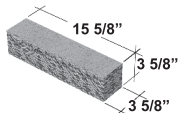
436RK

Three-Quarter Long Face & End



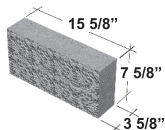
450RK

Half High



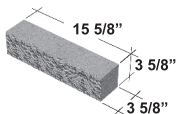
452RK

Half High Face & End



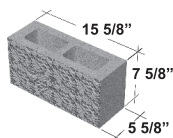
490RK

Solid



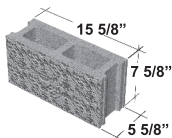
491RK

Half High Solid



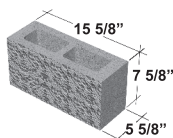
602RK

Double End



621RK

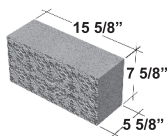
Plain & Double End Mixed



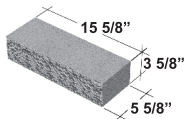
632RK

Face & End

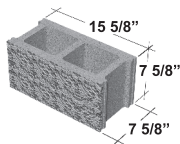
Rockface finish



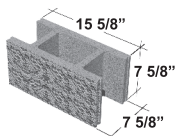
690RKF
Solid



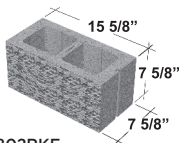
691RKF
Solid



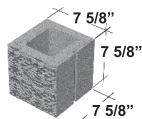
800RKF
Plain



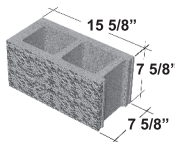
801RKF
Open Core



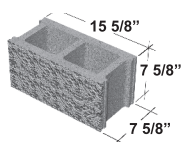
802RKF
Double End



805RKF
Half Long

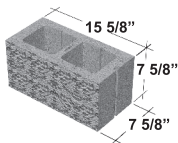


806RKF
Single End



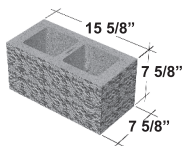
820RKF

Mix Plain Splittable with Sash

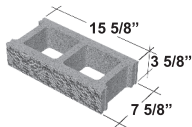


824RKF
Double End Splittable

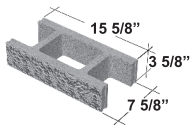
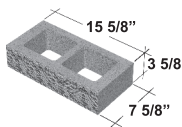
Rockface finish



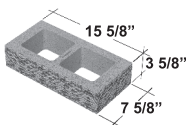
832RKF
Face & End
Splittable



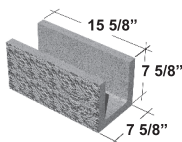
850RKF
Plain & Splittable with Sash



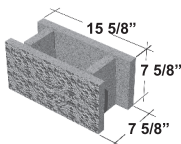
851RKF
Half High, Open Core



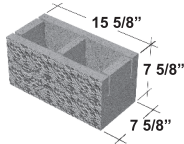
852RKF
Half High, Face & End



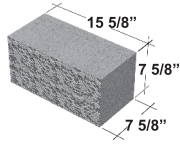
872RKF
Bond Beam



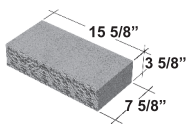
873RKF
Open Core Bond
Beam



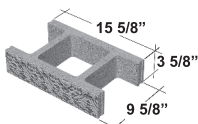
877RKF
Flo-Thru Bond Beam



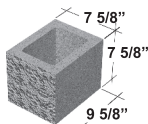
890RKF
Solid



891RKF
Half High Solid

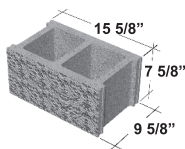


1001RKF
Open Core

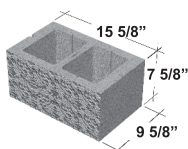


1005RKF
Half Long Double End

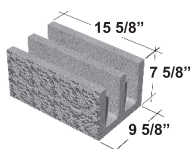
Rockface finish

**1020RKF**

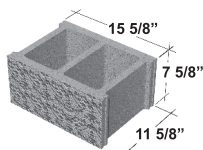
Plain & Splittable with Sash

**1072RKF**

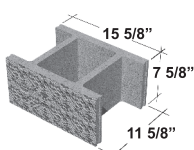
Bond Beam

**1077RKF**

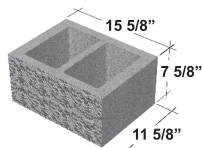
Flo-Thru Bond Beam

**1200RKF**

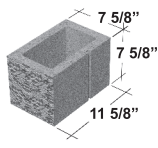
Plain

**1201RKF**

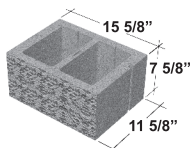
Open Core

**1202RKF**

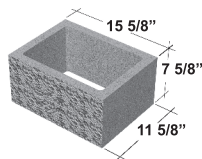
Double End

**1205RKF**

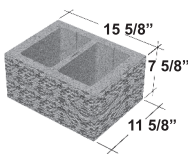
Half Long w/sash

**1224RKF**

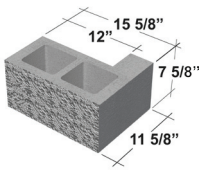
Double End Splittable

**1227RKF**

Single Core

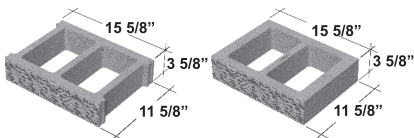
**1232RKF**

Face & End

**1233RKF**

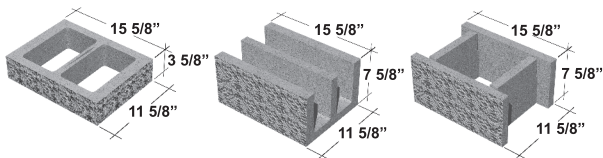
L Corner Face & End

Rockface finish



1250RKF

Plain & Splittable with Sash



1252RKF

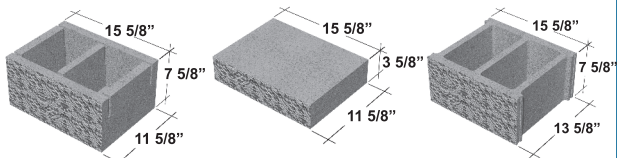
Half High Face & End

1272RKF

Bond Beam

1273RKF

Open Core Bond Beam



1277RKF

Flo-Thru Bond Beam

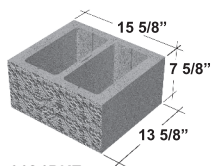
1291RKF

Half High Solid

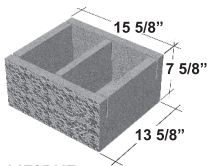
1400RKF

Plain

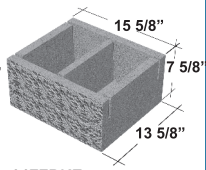
Rockface finish



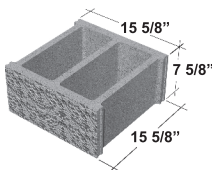
1424RKF
Double End Splittable



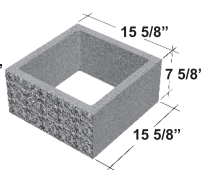
1472RKF
Bond Beam Solid
Bottom



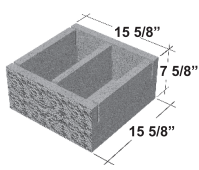
1477RKF
Bond Beam Flo-Thru



1600RKF
Plain



1602RKF
Column



1677RKF
Bond Beam Flo-Thru

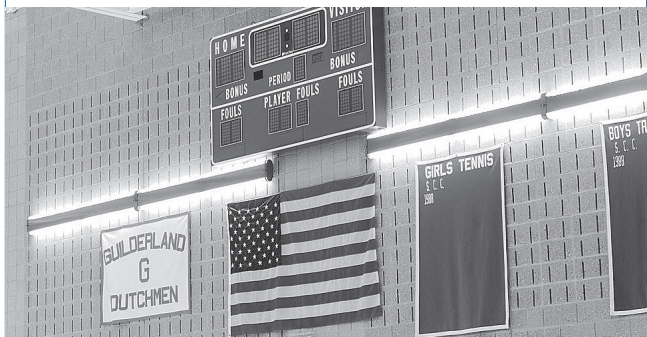
Soundblox® sound-absorptive structural-masonry blocks

Sound absorptive structural masonry block control and dampen sound with these acoustical correcting blocks. Perfect for gymnasiums, industrial settings and other areas where noise is a factor, Soundblox® units absorb sound and deaden reverberations. And Soundblox units are available in a variety of face finishes including Burnished.

SOUND ABSORPTION COEFFICIENTS - TYPE RSC/RF

SIZE	TYPE	SURFACE	EXPOSED SLOTS/CAVITIES	FREQUENCY - HERTZ													
				125	160	200	400	500	800	1000	1250	1600	2000	2500	4000	5000	NRC
8"	RSC/RF	PAINTED	2/5	.18	.22	.36	1.16	1.02	.76	.72	.76	.77	.80	.73	.58	.65	.80
10"	RSC/RF	PAINTED	2/5	.18	.22	.36	1.16	1.02	.76	.72	.76	.77	.80	.73	.58	.65	.80
12"	RSC/RF	PAINTED	2/5	.48	.70	.93	.97	.91	.75	.76	.77	.70	.67	.68	.51	.59	.85
12"	RSC/RF-4	PAINTED	2/5	.18	.22	.36	1.12	1.02	.76	.72	.76	.77	.80	.73	.58	.65	.80

The above sound absorption data was determined by tests conducted at Geiger and Hamme Acoustical Laboratory in strict compliance with ASTM C423 specifications. Actual installed performance may vary. Measurements of these frequencies were not taken.



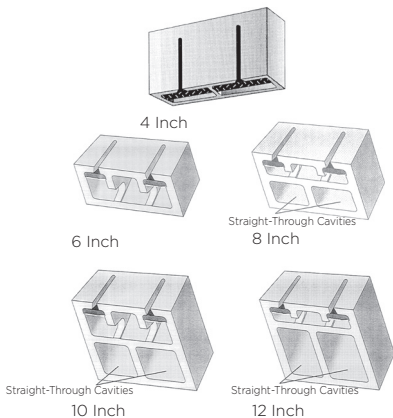
Soundblox® sound-absorptive structural-masonry blocks

LEFT-HAND AND RIGHT-HAND UNITS

For situations requiring a full core for vertical reinforcement, Soundblox® units with open cavities on either the left-or right-hand side are available. When used in conjunction with standard Soundblox units, reinforcing bars and grout can be incorporated easily and efficiently. Soundblox units have been approved for use in reinforced masonry construction and are allowed 90 percent of the shear value of ordinary hollow concrete block.

TYPE RSC/RF

Special Soundblox® unit providing the sound absorption of Type RSC units. Incorporates a metal septum and filler, and two additional large, straight-through cavities, allowing specification of this unit in applications requiring vertical reinforcing, thermal insulation or accommodations for vertical conduits and/or pipes.



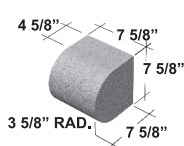
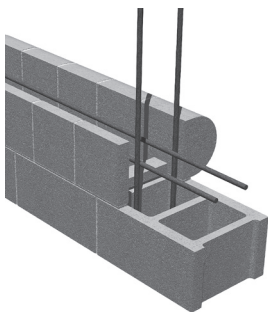
Astra-Glaze-SW+® glazed masonry units

Astra-Glaze glazed masonry units are pre-faced architectural concrete masonry units that have the most glazing compound permanently molded to one or more faces. It is an excellent choice for institutional, commercial and manufacturing applications. It offers design flexibility, impact resistance and is virtually maintenance free.

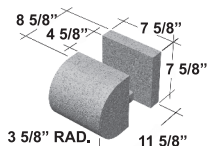


Crescent Face units

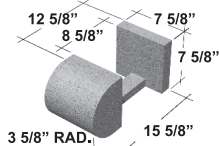
Crescent Face offers a striking accent option for masonry structures. Use it to introduce sleek horizontal lines that break up a large wall's appearance, creating enhanced visual interest.



461

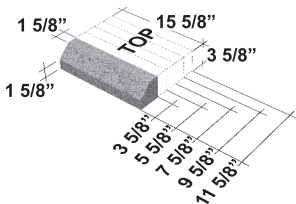


861



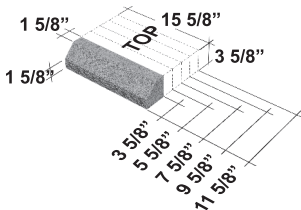
1261

Sills



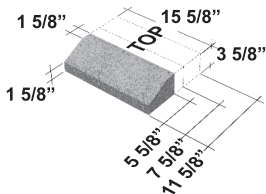
Smooth w/2x2 Bevel

100465SLS* 4x4x16 w/2x2 BV
 100665SLS* 6x4x16 w/2x2 BV
 100865SLS* 8x4x16 w/2x2 BV
 101065SLS* 10x4x16 w/2x2 BV
 101265SLS* 12x4x16 w/2x2 BV



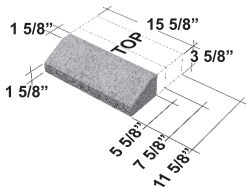
Rockface w/2x2 Bevel

100465SLR* 4x4x16 w/2x2 BV
 100665SLR* 6x4x16 w/2x2 BV
 100865SLR* 8x4x16 w/2x2 BV
 101065SLR* 10x4x16 w/2x2 BV
 101265SLR* 12x4x16 w/2x2 BV



Smooth w/4x2 Bevel

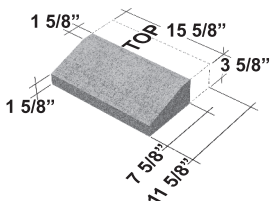
100666SLS* 6x4x16 w/4x2 BV
 100866SLS* 8x4x16 w/4x2 BV
 101266SLS* 12x4x16 w/4x2 BV



Rockface w/4x2 Bevel

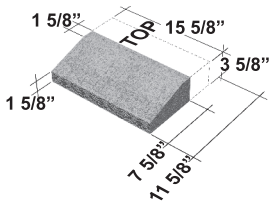
100666SLR* 6x4x16 w/4x2 BV
 100866SLR* 8x4x16 w/4x2 BV
 101266SLR* 12x4x16 w/4x2 BV

Sills



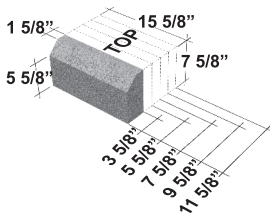
Smooth w/6x2 Bevel

100867SLS* 8x4x16 w/6x2 BV
 101267SLS* 12x4x16 w/6x2 BV



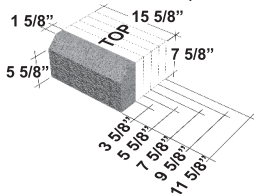
Rockface w/6x2 Bevel

100867SLR* 8x4x16 w/6x2 BV
 101267SLR* 12x4x16 w/6x2 BV



Smooth w/2x2 Bevel

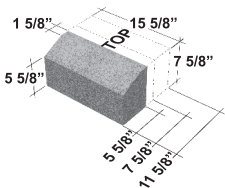
100468SLS* 4x8x16 w/2x2 BV
 100668SLS* 6x8x16 w/2x2 BV
 100868SLS* 8x8x16 w/2x2 BV
 101068SLS* 10x8x16 w/2x2 BV
 101268SLS* 12x8x16 w/2x2 BV



Rockface w/2x2 Bevel

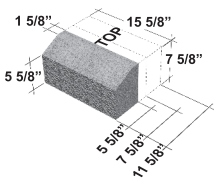
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 101268SLR* 12x8x16 w/2x2 BV

Sills



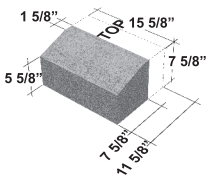
Smooth w/4x2 Bevel

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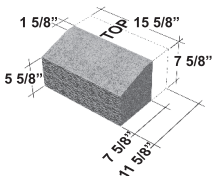
Rockface w/4x2 Bevel

100669SLR* 6x8x16 w/4x2 BV
 100869SLR* 8x8x16 w/4x2 BV
 101269SLR* 12x8x16 w/4x2 BV



Smooth w/6x2 Bevel

100870SLS* 8x8x16 w/6x2 BV
 101270SLS* 12x8x16 w/6x2 BV

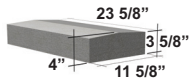


Rockface w/6x2 Bevel

100870SLR* 8x8x16 w/6x2 BV
 101270SLR* 12x8x16 w/6x2 BV

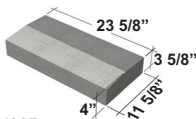
Caps

Great for accents and detailing. Available in Satin™ fine finish, and burnished finishes.



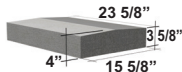
1285

12 x 4 x 24 side



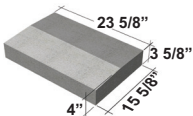
1285

12 x 4 x 24 top



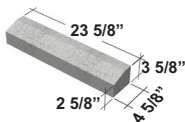
1685

16 x 4 x 24 side



1685

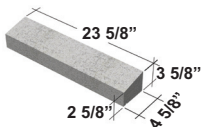
16 x 4 x 24 top



543

5 x 4 x 24

Satin™ Finish sill



544

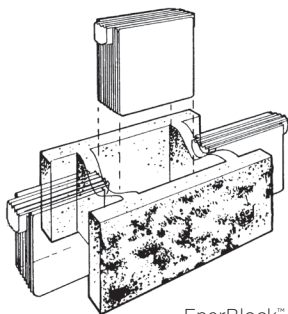
5 x 4 x 24

Satin™ Finish sill

Other shapes available.

EnerBlock™ structural masonry units

Single-wythe insulated concrete masonry system. EnerBlock™ structural masonry units offer all the traits of a masonry wall—fire resistance, sound dampening and durability, with the added benefit of effective thermal performance.



EnerBlock™

R-Values

Wall Construction	100 PCF				135 PCF			
	No Grout	Fully Grouted	Grout @ 32"	Grout @ 48"	No Grout	Fully Grouted	Grout @ 32"	Grout @ 48"
12x8x16 CMU 1. EnerBlock CMU & inserts A. 4" ungrouted cells & 2" in grouted cores	6.9	N/A	4.9	5.5	4.5	N/A	3.7	3.9
B. 2" ungrouted cells & 2" in grouted cells	4.6	4.1	4.5	4.5	3.2	2.8	3.1	3.1
2. Regular CMU: no insulation	2.4	2.1	2.3	2.3	2.0	1.8	1.9	2.0
3. Regular CMU & foam fill: in ungrouted cells	7.8	N/A	4.6	5.3	4.3	1.8	3.2	3.5
10x8x16 CMU 1. EnerBlock CMU & inserts A. 4" ungrouted cores & 2" in grouted cores	6.7	N/A	5.6	5.9	4.2	N/A	3.5	3.7
B. 2" in ungrouted cores & 2" in grouted cores	4.5	3.9	4.4	4.4	3.1	2.6	3.0	3.0
2. Regular CMU: no insulation	2.3	1.9	2.2	2.2	1.9	1.6	1.8	1.9
3. Regular CMU & foam fill: in ungrouted cores	6.4	N/A	4.0	4.5	3.6	1.6	2.7	3.0
8x8x16 CMU 1. EnerBlock CMU & inserts A. 4" in ungrouted cores & 2" in grouted cores	6.2	N/A	5.2	5.4	3.7	N/A	3.2	3.3
B. 2" in ungrouted cores & 2" in grouted cores	4.5	3.8	4.3	4.3	3.0	2.5	2.8	2.9
2. Regular core: no insulation	2.3	1.7	2.1	2.2	1.9	1.5	1.7	1.8
3. Regular core & foam fill: in ungrouted cores	5.2	N/A	3.5	3.9	3.1	1.5	2.4	2.6

Notes

R-values are taken from the report by Encompass Engineering Consultants, Eden Prairie, Minnesota. The report R-values are certified by Howard Noziska, professional engineer licensed in Minnesota, as required by 1323.0320 Section 3.2 of the Minnesota Commercial Energy Code. This engineering report was developed for the Minnesota Concrete Masonry Association. Contact a member of the association for a copy of the complete report.

Encompass Engineering Consultants notes for the full report are as follows:

1. R-values were calculated in accordance with the ASHRAE Handbook of Fundamentals Isothermal Planes Method mandated by the Minnesota Commercial Energy Code for concrete masonry with integral insulation. Partially grouted R-values were calculated in accordance with NMCA TEK 6.2-B. The U-value is the inverse of the R-value.
2. R-values include interior and exterior air films.
3. Thermal Resistivities of the mortar and air spaces are based on NCMA TEK 6-2B Table 4. Thermal Conductivity of .204 $\text{Btu}\cdot\text{in}/\text{hr}\cdot\text{ft}^2\cdot\text{F}$ was used for Foam Fill. Thermal Conductivity of .23 $\text{Btu}\cdot\text{in}/\text{hr}\cdot\text{ft}^2\cdot\text{F}$ was used for EnerBlock Inserts.
4. Thermal Conductivities of the concrete block and grout (140PCF) are based on Table A9.4E in ANSI/ASHRAE/IESNA 90.1-2004.
5. 4" and 2-1/2" EnerBlock inserts are centered in the cell, 1-1/4" and 2" EnerBlock inserts are located at the edge of the cell. EnerBlock inserts are continuous through grouted and non-grouted cells unless noted otherwise in comments. Foam Fill is only used in ungrouted cells.

Rated Fire Resistive Periods

All concrete masonry units manufactured by Anchor Block Company:

- 1) Exceed minimum standards as established by ASTM C90-06
- 2) Meet all current code requirements (Minnesota State Building Code is based on the International Building Code and the International Residential Code).

All standard weight aggregate conforms to the requirements of ASTM C33. All lightweight aggregate conforms to the requirements of ASTM C331.

Fire resistance of concrete masonry units is determined by the "equivalent thickness" of the block and the type of aggregate. The equivalent thickness is the theoretical thickness of the block if all the concrete was molded into a solid unit. It is calculated by multiplying the actual thickness by the percentage of solids. As an example, an eight-inch block with 52 percent solids has an equivalent of 4.0 inches ($7.625 \times 52\% = 4$). The greater the equivalent thickness, the greater the fire rating.

Lightweight aggregate (expanded shale) has better fire rating than normal weight block (siliceous gravel). As an example, an eight-inch standard weight block has a one-hour rating and an eight-inch lightweight block has a two-hour rating. Filling the cores of the block with grout or other non-combustible material will increase the fire resistance. Applying plaster or gypsum wallboard will also increase the fire resistance.

ESTIMATED FIRE RESISTIVE PERIODS OF WALLS AND PARTITIONS OF HOLLOW CONCRETE MASONRY:

Type of Material:	Minimum Equivalent Thickness for Ratings of:			
	4 Hour	3 Hour	2 Hour	1 Hour
Expanded Clay (Lightweight)	5.7"	4.9"	3.9"	2.7"
Siliceous Gravel (Standard weight)	6.2"	5.3"	4.2"	2.8"

(Based on Table 720.1 (2) - International Building Code as adopted by the Minnesota State Building Code)

Wall Thickness	Block Number	Block Size (Inches)	Face Shell Thickness	Web Thickness	% Solid	Equivalent Fire Resistive		
						Thickness (Inches)	Ratings/Hours Std. Wat.	L.W.
4	402	4x8x16	1	1	75	2.7	-	1
4 Solid	490	4x8x16	Solid	-	100	3.6	1	1
6	602	6x8x16	1	1	57	3.2	1	1
2 Hour	616	6x8x16	2	1	87	4.9	2	3
8	800	8x8x16	1 ¼"	1	52	4.0	1	2
2 Hour	816	8x8x16	1 ½"	1	64	4.9	2	3
3 Hour	817	8x8x16	2 ½"	1 ½"	77	5.9	3	4
Solid	890	8x8x16	Solid	-	100	7.6	4	4
10	1000	10x8x16	1 ¼"	1	51	4.9	2	3
12	1200	12x8x16	1 ¼"	1	45	5.5	2	3
Thick Wall	1200THW	12x8x16	1 ½"	1	47	5.5	3	3
3 Hour	1217	12x8x16	1 ½"	1 ½"	47	5.5	3	3
4 Hour	1218	12x8x16	2 ½"	1 ½"	57	6.6	4	4
14	1400	14x8x16	1	1 ¼"	46	6.6	4	4
16	1600	16x8x16	1 ½"	1 ¼"	44	6.9	4	4

Weight and Delivery Data

Block Type and Size

Bravissi® Chiseled	Weight	Sq. Ft. per unit	Units Per Pallet	Product Weight Per Pallet
4"x 4"x 16"	17	0.44	150	3,420
4"x 4"x 24"	28	0.67	100	3,480
4"x 4"x 12" Face & End	13.5	0.33	150	3,240
4"x 4"x 16" Face & End	18	0.44	150	3,600
4"x 8"x 16"	37.35	0.89	75	3,420
4"x 8"x 24"	55.8	1.33	50	3,480
4"x 8"x 12" Face & End	29	0.67	75	3,600
4"x 8"x 16" Face & End	40	0.89	75	3,510
4"x 12"x 12"	40	1.00	72	3,168
4"x 12"x 16"	54.45	1.33	50	2,900
4"x 12"x 24"	54.85	2.00	30	3,384
Techure Stone® and Bravissi® Smooth	Weight	Sq. Ft. per unit	Units Per Pallet	Weight Per Pallet
4"x 4"x 24"	26.15	0.67	120	3,240
4"x 8"x 24"	52.54	1.33	60	3,240
4"x 12"x 24"	80.85	2.00	36	2,880
4"x 16"x 24"	111	2.67	24	2,568
4"x 4"x 16"	17	0.44	150	2,550
4"x 8"x 16"	37.35	0.89	75	2,801
4"x 12"x 16"	54.45	1.33	54	2,916
4"x 16"x 16"	75.95	1.78	36	2,556
4"x 4"x 12"	13.5	0.33	150	2,025
4"x 8"x 12"	29	0.67	75	2,175
4"x 12"x 12"	40.25	1.00	72	2,880

Weight and Delivery Data

Block Type and Size

Anchor™ Brick and Livingstone	Product Weight	Units Per Pallet
4"x 4"x 12"	9.3	288
6"x 4"x 16"	17.3	160
8"x 4"x 16"	18	120
12"x 4"x 16"	31.5	80
Trattino Veneers		
4"x 4"x 16" FACE & END	13.55	240
4"x 4"x 16"	17	180
4"x 8"x 16" FACE & END	35.3	90
4"x 8"x 16"	36	90
Trattino Structural Block		
6"x 8"x 16"	33	100
8"x 4"x 16"	17.5	120
8"x 8"x 16"	42	75
12"x 8"x 16"	56	50
12"x 4"x 16"	31	80

Heavyweight Pallet add 60 lbs.

Weight and Delivery Data

Block Type and Size

Standard	Mod. Hwt	Mod. Lwt	Units Per Pallet
4"x 8"x 16" Partition	25	22	120
6"x 8"x 16" Partition	29	23	100
8"x 8"x 16" Plain	37.5	28	75
10"x 8"x 16" Plain	43	36	65
12"x 8"x 16" Plain	49	37.5	50
14"x 8"x 16" Plain	60	49.25	45
16"x 8"x 16" Plain	65.5	46.5	30
Tufut® Half High Smooth	Mod. Hwt	Mod. Lwt	Units Per Pallet
8"x 4"x 24" Common	24	18	80
8"x 4"x 20 ½" Bond Corner	22	17	12
8"x 4"x 14 ¼" Bond Corner	16	12	120
8"x 4"x 24" Single End	25	19	8
8"x 4"x 12" Half Block	13	10	160
Tufut® Half High Rockface	Mod. Hwt	Mod. Lwt	Units Per Pallet
8"x 4"x 24" Common	26	20	80
8"x 4"x 20" Face & End	24	19	120
8"x 4"x 24" Single End	27	21	80
8"x 4"x 12" Half Block	14	11	160

Weight and Delivery Data

Block Type and Size

Anchor Headlok System*	Mod. Mwt	Units Per Pallet
6"x 8"x 24"	44	70
8"x 8"x 24"	45	50
8"x 8"x 16"x 10"	50	65
8"x 8"x 16"x 12"	62	50
Split Face and Rockface	RF	Units Per Pallet
4"x 8"x 16"	31.5	120
8"x 8"x 16"	38	75
12"x 8"x 16"	53	50
Caps	Mod. Hwt	Units Per Pallet
12"x 4"x 24"	85	
16"x 4"x 24"	110	
Sills	Mod. Hwt	Units Per Pallet
5"x 4"x 24"	51	

Core Filling Data

Wall Thickness	Block Style	Cu. Ft. Per Block	Blocks Per Cu. Yd.	Cores Per 80 lb. bag of pre-mix corefill (.67 cu. ft. per bag)
8"	Plain	0.28	100	5
8"	Open Core	0.27	100	5
8"	2 hr fire rated	0.23	117	5
8"	3 hr fire rated	0.14	191	10
8"	Rockface	0.28	100	5
10"	Plain	0.37	73	4
12"	Plain	0.47	57	3
12"	3 hr fire rated	0.46	59	3
12"	Open core	0.46	59	3
12"	Rockface	0.46	59	3
14"	Plain	0.54	50	2
16"	Plain	0.65	42	2
16"	Pilaster	0.67	42	2

Anchor Block Company also manufactures landscape product lines to complement your projects:

- Retaining Walls
- Pavers
- Edgers
- Patio Stones
- Permeable Pavers

Product information at anchorblock.com or contact us for more information.



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Bravissi® masonry veneer, chiseled face*



Kasota



Limestone



Kasota Pink



Brownstone



Tennessee



Endion Red

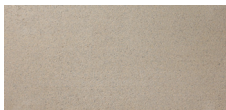


Millstone Gold

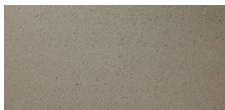


Winter White

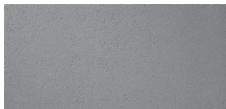
Satin™ fine finish*



Cotton



Natural



Mushroom



Wicker

* All colors on this page are also color selections for smooth finish on Bravissi® and Techtur Stone® veneers.

Colors: Every effort has been made to assure accuracy in these colors. However, due to the nature of concrete and the molding process, as well as the process employed in printing these charts, colors may vary slightly. We recommend viewing actual samples as you make your color selection.

Trattino™ finish



Winter White



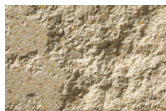
Limestone



Toffee



Wheat



Parchment



Sahara



Kasota Pink



Antique White



Kasota



October Yellow

Burnished finish



Winter White (P)



Parchment (P)



Antique White (C)



Sahara (C)



Limestone (P)



October Yellow (C)



Honey Mustard (C)



Toffee (C)



Mojave (C)



Buckskin (C)

Burnished finish



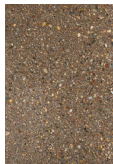
Autumn Tan (S)



Adobe (C)



Saddle (C)



Chocolate (C)



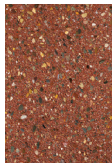
Hickory (C)



Burnt
Hawthorne (C)



Cedar (C)



Maple (C)



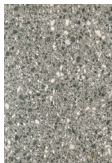
Concord Red (C)



Paprika (C)



Ivory (S)



Gray Spice (P)



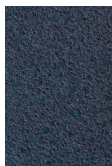
Graphite (P)



Warm Tone (S)



Onyx (C)



Midnight (P)

Premium (P) and Custom (C) colors are available at an increased price versus Standard (S) colors.

Colors: Every effort has been made to assure accuracy in these colors. However, due to the nature of concrete and the molding process, as well as the process employed in printing these charts, colors may vary slightly. We recommend viewing actual samples as you make your color selection.

Rockface finish



Winter White (P)



Parchment (P)



Antique White (P)



Sahara (P)



Limestone (P)



October Yellow (S)



Honey Mustard (S)



Toffee (S)



Mojave (S)



Buckskin (S)



Autumn Tan (S)



Adobe (S)



Saddle (S)



Chocolate (S)



Hickory (S)



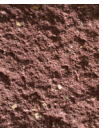
Burnt
Hawthorne (S)



Cedar (S)



Maple (S)



Concord Red (S)



Paprika (S)



Ivory (P)



Gray Spice (P)



Graphite (P)



Warm Tone (S)



Onyx (S)



Midnight (P)

Premium (P) and Custom (C) colors are available at an increased price versus Standard (S) colors.

Colors: Every effort has been made to assure accuracy in these colors. However, due to the nature of concrete and the molding process, as well as the process employed in printing these charts, colors may vary slightly. We recommend viewing actual samples as you make your color selection.

Anchor™ Brick

Blended Colors



Kasota



Kasota Pink



Saranac



North Oaks



Sand



Tennessee



Dakota



Prairiestone



Pipestone



Mesabi



Bristol



Fieldstone



Ironstone



Pewter



Bluestone

Solid Colors



Winter White



Desert Tan



Buckskin



Mocha



Concord Red



Burgundy



Dusk



Slate

ABC_MPG0411



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