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////////////////////////////////////
**OHIO'S LEADING MANUFACTURER,
 MARKETER, AND TECHNICAL
 RESOURCE FOR SUPERIOR QUALITY
 CONCRETE MASONRY PRODUCTS.**
 //////////////////////////////////////

OBERFIELDS.COM

CONCRETE PRODUCTS GROUP

OBERFIELDS LLC is one of 13 original founding members of the Concrete Products Group. The Concrete Products Group (CPG) consists of regional market leaders in the concrete products industry. The CPG is organized to provide consistent, top-quality products to regional and national customers, from a local regional plant to anywhere in the United States. Our products such as Spec-BRIK WCT (Water Control Technology), Spec-Finish, and Spec-Thermal are produced with consistent specifications and production expertise.

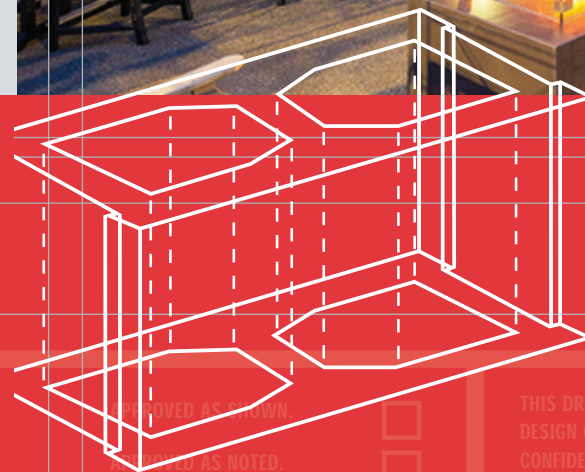


OBERFIELDS LLC IS A PROUD MEMBER OF:

- American Institute of Architects-Ohio
- The Builders Exchange of Central Ohio
- Building Industry Association of Central Ohio
- Construction Specification Institute
- National Concrete Masonry Association
- Ohio Masonry Association
- Concrete Products Group

7.125"

5.75"



DESIGNED AS SHOWN
 MANUFACTURED AS NOTED
 APPROVED BY: _____
 DATE APPROVED: // //

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CONCRETE MASONRY PRODUCT GUIDE



15.125"

NOTES

A

Safety
 Technical Support
 Fire Ratings
 Unit Weight
 Sandblasted Concrete Masonry Units
 Scored Concrete Masonry Units
 Combination Cubes
 West Cubes
 Obtaining Samples
 Product Disclaimer
 Handling DesignBLOK™ Architectural Concrete Masonry Units on the Job

STANDARD CONCRETE MASONRY

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Miscellaneous Units 1
 Concrete Brick 1
 4" Units and 4" Bullnose Units 1-2
 6" Units and 6" Bullnose Units 2-4
 8" Units and 8" Bullnose Units 4-7
 10" Units and 10" Bullnose Units 8
 12" Units and 12" Bullnose Units 9-10
 14" and 16" Units 10-11

DESIGNBLOK™ ARCHITECTURAL CONCRETE MASONRY

11-20

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 Scored Split Face Units 14-15
 3 Flute Split Face Units 15-16
 Deep 4 Flute Split Face Units 16
 Wide 4 Flute Split Face Units 16-17
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 Solid Chamfered Sill Units 18
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NOTES

SAFETY

All OBERFIELDS concrete masonry units are manufactured in accordance with ASTM C-90, the industry standard for load bearing concrete masonry units.

Material Safety Data Sheets (MSDS) are available upon request from OBERFIELDS for the products listed in this Guide.

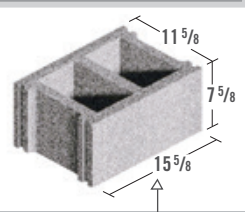

Please note, sawing or grinding of concrete masonry units may result in the release of dust particles, which could cause minor eye or nose irritation if proper protective equipment is not in place. The use of a NIOSH approved respirator and tight goggles is recommended when sawing or grinding operations are in progress. Please contact our Customer Service Center if further information is desired.

TECHNICAL SUPPORT

OBERFIELDS Technical Support Staff will gladly provide written quotations for all your special project needs. To expedite the process, have any dimensional constraints, drawings, and product requirements available for our review.

FIRE RATING

The fire ratings for the concrete masonry units in this Guide were calculated using the equivalent thickness method and based on the use of normal weight aggregates. References include ASTM C90, ASTM C140, TEK 7-1E, International Building Code 2009, and ASTM E119.

Product Description	122	12" x 8" x 16" STRETCHER
Product Number		
Product Dimensions Inches/Millimeters	12" x 8" x 16" 305 x 203 x 406	
Ordering Information	UNIT WEIGHT: 51 STANDARD CUBE 66 PER CUBE	
Fire Rating	 RATED 3 HOURS	

PACKAGE/CUBE CODE

- On pallet - 48" x 48" returnable wood pallet
- On 8s - 18 8" x 8" x 16" hollow core units
- Standard cube - these units are cubed on themselves

Combination cube - contains different shapes in the same cube



UNIT WEIGHT

All weights shown represent OBERFIELDS standard normal weight (Rite-Blok) concrete masonry units manufactured from natural aggregates. Most shapes and sizes can be special ordered in lightweight (Lite-Blok) or medium weight (Mid-Blok). Please contact OBERFIELDS Technical Support Staff for additional information.

To estimate a given product's weight using lightweight or medium weight raw materials, use the following rule of thumb:

- Weight of lightweight product = standard normal weight x .85
- To obtain weight of normal weight product without limestone aggregate use normal weight x 1.05

NOTE: Weight of units manufactured at our Centerville location will vary in weight as specified in this catalog. Please call for exact weight of units.

SANDBLASTED CONCRETE MASONRY UNITS

Sandblasted concrete masonry units are available upon special order. Sandblasted units are manufactured such that the face surface of the unit is sandblasted. OBERFIELDS Technical Support Staff will gladly discuss design options and availability.

SCORED CONCRETE MASONRY UNITS

OBERFIELDS offers vertical scores, or false joints, on the majority of its standard concrete masonry units. Typically, one or three scores are preferred. Also, in some instances, both sides of the standard concrete masonry unit can be scored. OBERFIELDS Technical Support Staff will gladly discuss design options and availability.



COMBINATION CUBES

Please note on combination cubes that the ratio of one product to another varies from manufacturing plant to manufacturing plant due to differences in mold sizes and configurations. Please call our Technical Support Staff for additional information.

WEST CUBES

West cubes are available for some concrete masonry units. Please contact our Technical Support Staff for availability.

OBTAINING SAMPLES

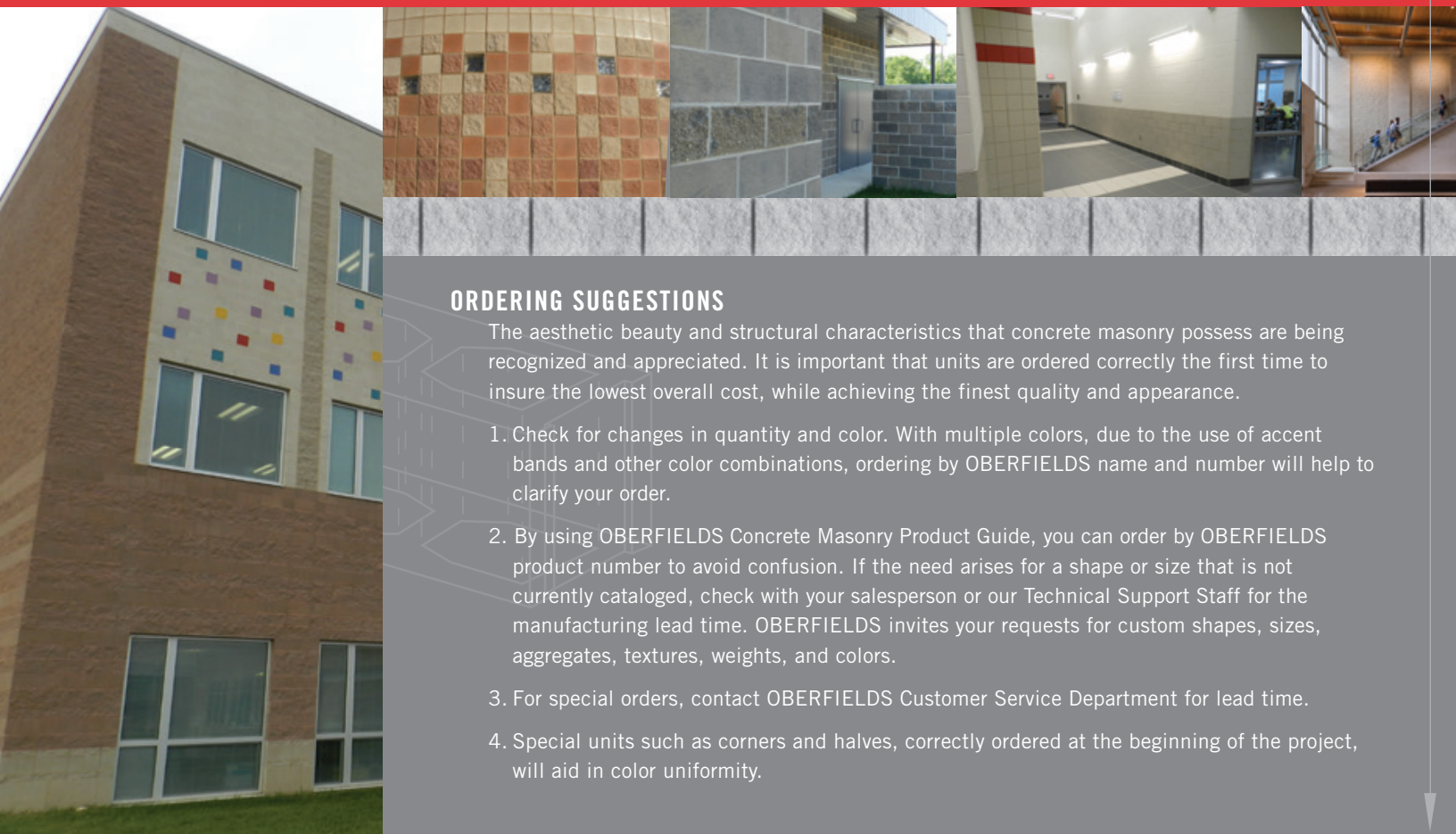
Samples of colors, textures, weights, sizes, and shapes can be obtained from OBERFIELDS.

PRODUCT DISCLAIMER

The products shown in this Guide are computer-generated images. These images depict standard gray units. Some color differentiation should be expected with architectural concrete masonry units both smooth & split. Variations are to be expected. Should you require a product not cataloged in this Guide, contact our Technical Support Staff for the manufacturing lead time.

HANDLING DESIGNBLOK™ ARCHITECTURAL CONCRETE MASONRY UNITS ON THE JOB

When handling DesignBLOK™ architectural concrete masonry units on the job, avoid stacking palletized cubes one on top of the other. Pallet stain may occur other-wise. Also, given the demand for multiple colored units on the job, prevent the mixing of colors by checking for changes in colors of the units.



ORDERING SUGGESTIONS

The aesthetic beauty and structural characteristics that concrete masonry possess are being recognized and appreciated. It is important that units are ordered correctly the first time to insure the lowest overall cost, while achieving the finest quality and appearance.

1. Check for changes in quantity and color. With multiple colors, due to the use of accent bands and other color combinations, ordering by OBERFIELDS name and number will help to clarify your order.
2. By using OBERFIELDS Concrete Masonry Product Guide, you can order by OBERFIELDS product number to avoid confusion. If the need arises for a shape or size that is not currently cataloged, check with your salesperson or our Technical Support Staff for the manufacturing lead time. OBERFIELDS invites your requests for custom shapes, sizes, aggregates, textures, weights, and colors.
3. For special orders, contact OBERFIELDS Customer Service Department for lead time.
4. Special units such as corners and halves, correctly ordered at the beginning of the project, will aid in color uniformity.



MISCELLANEOUS

4 16" x 16" x 8" CHIMNEY

16" x 16" x 8"
406 x 406 x 203
UNIT WEIGHT: 61
ON PALLET
45 PER CUBE

CONCRETE BRICK

4"

12 4" x 8" x 12" SOLID

4" x 8" x 12"
102 x 203 x 305
UNIT WEIGHT: 23
ON PALLET
144 PER CUBE

14a 4" x 8" x 16" SOLID L CORNER & END

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 31
ON PALLET
108 PER CUBE
NON-STOCK

1 2" x 8" x 16" SOLID

2" x 8" x 16"
51 x 203 x 406
UNIT WEIGHT: 14
ON PALLET
216 PER CUBE

5 16" x 20" x 8" CHIMNEY

16" x 20" x 8"
406 x 508 x 203
UNIT WEIGHT: 75
ON PALLET
30 PER CUBE

8 2" x 4" x 8" CONCRETE BRICK

2" x 4" x 8"
51 x 102 x 203
UNIT WEIGHT: 5
ON PALLET
720 PER CUBE

10 4" x 4" x 16" SOLID FROGGED ON TOP

4" x 4" x 16"
102 x 102 x 406
UNIT WEIGHT: 15
ON PALLET
216 PER CUBE

13 4" x 8" x 16" SOLID

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 31
ON PALLET OR ON 8s
108 PER CUBE

RATED 1.5 HOURS

15 4" x 4" x 16" DOUBLE END

4" x 4" x 16"
102 x 102 x 406
UNIT WEIGHT: 12
NON-STOCK

ON PALLET 288 PER CUBE

3 3" x 8" x 16" SOLID

3" x 8" x 16"
76 x 203 x 406
UNIT WEIGHT: 22
ON PALLET
144 PER CUBE

RATED .75 HOURS

6 10" x 20" x 8" CHIMNEY HALF BLOCK FOR 20" x 20" x 8"

10" x 20" x 8"
254 x 508 x 203
UNIT WEIGHT: 56
ON PALLET
40 PER CUBE

9 4" x 5" x 8" CONCRETE DOUBLE BRICK

4" x 5" x 8"
102 x 127 x 203
UNIT WEIGHT: 10
ON PALLET
378 PER CUBE

11 4" x 8" x 8" SOLID

4" x 8" x 8"
102 x 203 x 203
UNIT WEIGHT: 15
ON PALLET
216 PER CUBE

14 4" SOLID 45 DEGREE

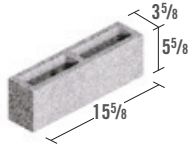
4" x 8" x 11" x 3"
102 x 203 x 280 x 76
UNIT WEIGHT: 28
ON PALLET
90 PER CUBE

16 4" x 4" x 16" DOUBLE END BREAKER



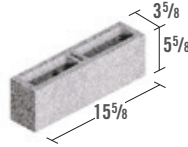
18 4" x 6" x 16" DOUBLE END

4" x 6" x 16"
102 x 152 x 406
UNIT WEIGHT: 15
NON-STOCK



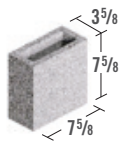
ON PALLET 216 PER CUBE

19 4" x 6" x 16" DOUBLE END BREAKER



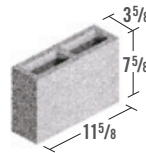
21 4" x 8" x 8" DOUBLE END

4" x 8" x 8"
102 x 203 x 203
UNIT WEIGHT: 11
ON PALLET
216 PER CUBE



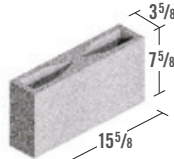
22 4" x 8" x 12" DOUBLE END

4" x 8" x 12"
102 x 203 x 305
UNIT WEIGHT: 16
ON PALLET
144 PER CUBE



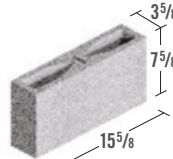
23 4" x 8" x 16" DOUBLE END

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 23



ON PALLET 144 PER CUBE

24 4" x 8" x 16" DOUBLE END BREAKER



4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 24



RATED 1 HOUR



RATED 1 HOUR

4" BULLNOSE

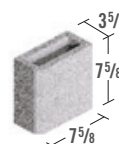
25 4" x 8" x 8" SOLID SINGLE BULLNOSE & END

4" x 8" x 8"
102 x 203 x 203
UNIT WEIGHT: 16
ON PALLET
216 PER CUBE



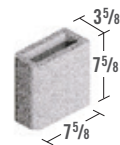
27 4" x 8" x 8" SINGLE BULLNOSE & END

4" x 8" x 8"
102 x 203 x 203
UNIT WEIGHT: 11
ON PALLET
216 PER CUBE



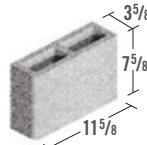
28 4" x 8" x 8" DOUBLE BULLNOSE & END

4" x 8" x 8"
102 x 203 x 203
UNIT WEIGHT: 11
ON PALLET
216 PER CUBE



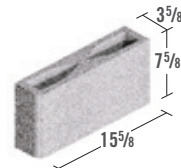
29 4" x 8" x 12" SINGLE BULLNOSE & END

4" x 8" x 12"
102 x 203 x 305
UNIT WEIGHT: 16
ON PALLET
144 PER CUBE



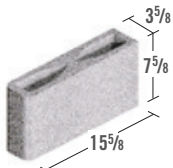
30 4" x 8" x 16" SINGLE BULLNOSE & END

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 24
ON PALLET
144 PER CUBE



31 4" x 8" x 16" DOUBLE BULLNOSE & END

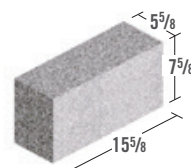
4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 24
ON PALLET
144 PER CUBE



6"

32 6" x 8" x 16" SOLID

6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 46
ON PALLET
72 PER CUBE

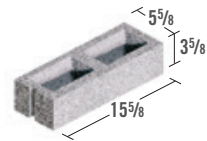
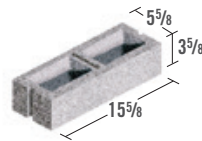
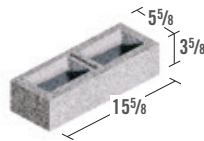
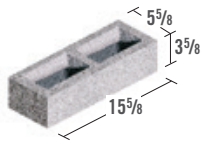


RATED 3 HOURS



33 6" x 4" x 16" DOUBLE END **34** 6" x 4" x 16" DOUBLE END BREAKER **35** 6" x 4" x 16" DOUBLE SASH BREAKER **35a** 6" x 4" x 16" SASH & END

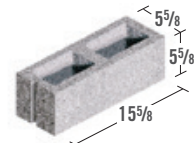
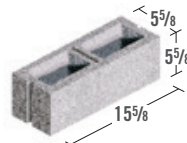
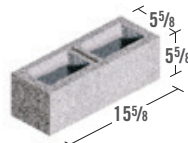
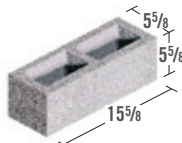
6" x 4" x 16"
152 x 102 x 406
UNIT WEIGHT: 14
NON-STOCK



STANDARD CUBE 192 PER CUBE

37 6" x 6" x 16" DOUBLE END **38** 6" x 6" x 16" DOUBLE END BREAKER **39** 6" x 6" x 16" DOUBLE SASH BREAKER **39a** 6" x 6" x 16" SASH & END

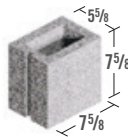
6" x 6" x 16"
152 x 152 x 406
UNIT WEIGHT: 19
NON-STOCK



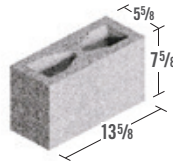
STANDARD CUBE 144 PER CUBE

41 6" x 8" x 8" SASH & END **42** 6" x 8" x 14" DOUBLE END

6" x 8" x 8"
152 x 203 x 203
UNIT WEIGHT: 17
ON PALLET
216 PER CUBE

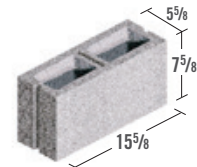
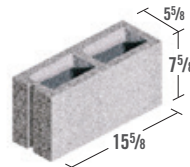
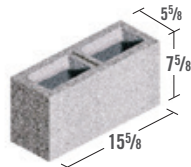
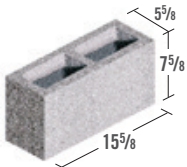


6" x 8" x 14"
152 x 203 x 356
UNIT WEIGHT: 23
ON PALLET
126 PER CUBE



43 6" x 8" x 16" DOUBLE END **44** 6" x 8" x 16" DOUBLE END BREAKER **45** 6" x 8" x 16" SASH & END **46** 6" x 8" x 16" DOUBLE SASH BREAKER

6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 28

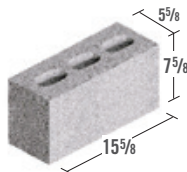


STANDARD CUBE 108 PER CUBE

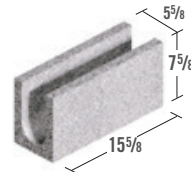
RATED 1 HOUR

47 6" x 8" x 16" 67% SOLID DOUBLE END **48** 6" x 8" x 16" U BOND BEAM

6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 34
ON PALLET
72 PER CUBE
NON-STOCK



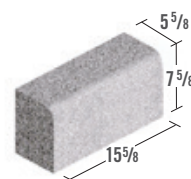
6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 28
ON PALLET
96 PER CUBE



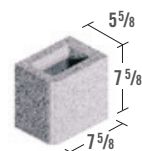
RATED 1.5 HOURS

49 6" x 8" x 16" SOLID BULLNOSE ACROSS FACE **50** 6" x 8" x 8" SINGLE BULLNOSE & END

6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 46
ON PALLET
72 PER CUBE
NON-STOCK



6" x 8" x 8"
152 x 203 x 203
UNIT WEIGHT: 17
ON PALLET
216 PER CUBE

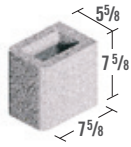


6" BULLNOSE



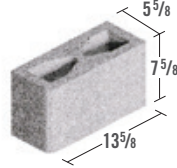
51 6" x 8" x 8" DOUBLE BULLNOSE & END

6" x 8" x 8"
152 x 203 x 203
UNIT WEIGHT: 17
ON PALLET
216 PER CUBE
NON-STOCK



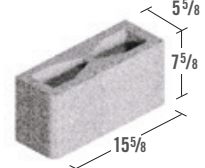
52 6" x 8" x 14" SINGLE BULLNOSE

6" x 8" x 14"
152 x 203 x 356
UNIT WEIGHT: 24
ON PALLET
126 PER CUBE
NON-STOCK



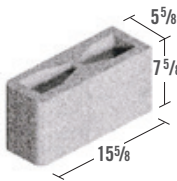
53 6" x 8" x 16" SINGLE BULLNOSE & END

6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 29
ON PALLET
108 PER CUBE



54 6" x 8" x 16" DOUBLE BULLNOSE & END

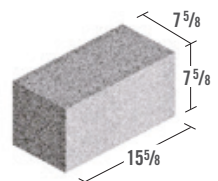
6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 29
ON PALLET
108 PER CUBE



8" UNITS

55 8" x 8" x 16" SOLID

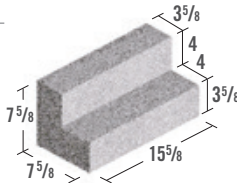
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 63
ON PALLET
54 PER CUBE



RATED 4 HOURS

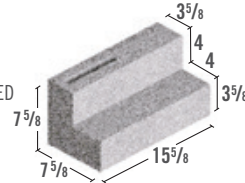
56 8" x 8" x 16" SOLID HEADER

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 48
ON 8s
72 PER CUBE



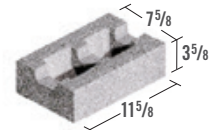
56a 8" x 8" x 16" OPEN CORE SOLID HEADER

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 43
ON (18) 8" HC/COMBINED
(1 OUT OF 3)
72 PER CUBE



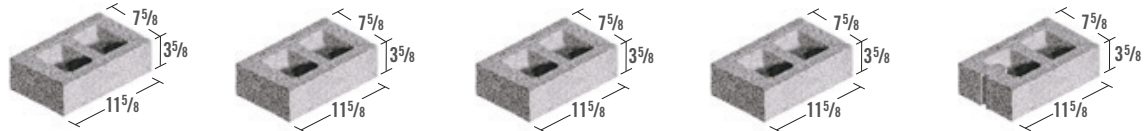
57 8" x 4" x 12" RESTRICTED BOND BEAM

8" x 4" x 12"
203 x 102 x 305
UNIT WEIGHT: 12
192 PER CUBE
NON-STOCK



58 8" x 4" x 12" DOUBLE END* **58a** 8" x 4" x 12" SASH & END

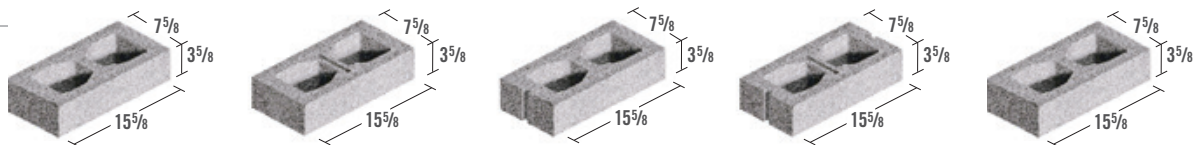
8" x 4" x 12"
203 x 102 x 305
UNIT WEIGHT: 14
NON-STOCK



RATED 2 HOURS | ON PALLET 192 PER CUBE

59 8" x 4" x 16" DOUBLE END* **60** 8" x 4" x 16" DOUBLE END BREAKER* **61** 8" x 4" x 16" SASH & END* **62** 8" x 4" x 16" DOUBLE SASH BREAKER* **63** 8" x 4" x 16" DOUBLE END*

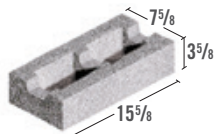
8" x 4" x 16"
203 x 102 x 406
UNIT WEIGHT: 17



ON PALLET 192 PER CUBE

63a 8" x 4" x 16" RESTRICTED BOND BEAM

8" x 4" x 16"
203 x 102 x 406
UNIT WEIGHT: 17
ON PALLET
144 PER CUBE
NON-STOCK

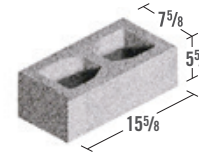
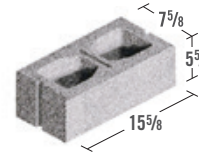
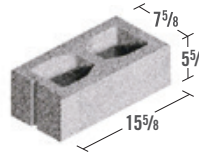
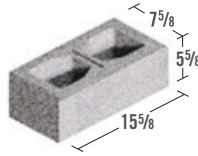
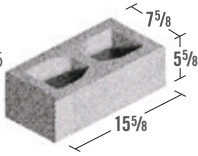


* Architectural cubed CMU's only



64 8" x 6" x 16" DOUBLE END* **65** 8" x 6" x 16" DOUBLE END BREAKER* **66** 8" x 6" x 16" SASH & END* **67** 8" x 6" x 16" DOUBLE SASH BREAKER* **67a** 8" x 6" x 16" DOUBLE END*

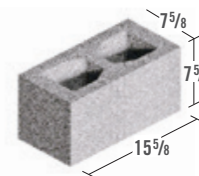
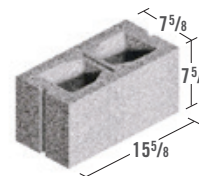
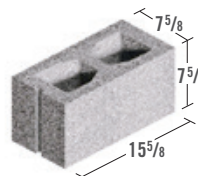
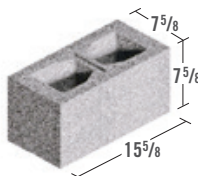
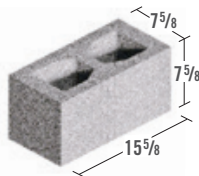
8" x 6" x 16"
203 x 152 x 406
UNIT WEIGHT: 25



ON PALLET 108 PER CUBE

68a 8" x 8" x 16" DOUBLE END* **68b** 8" x 8" x 16" DOUBLE END BREAKER* **68c** 8" x 8" x 16" SASH & END* **68d** 8" x 8" x 16" DOUBLE SASH BREAKER* **68e** 8" x 8" x 16" DOUBLE END*

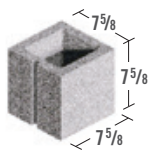
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 36



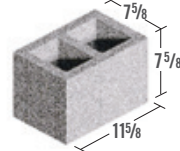
ON PALLET 90 PER CUBE

69 8" x 8" x 8" SASH & END **70** 8" x 8" x 12" DOUBLE END **71** 8" 45 DEGREE

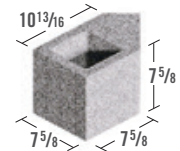
8" x 8" x 8"
203 x 203 x 203
UNIT WEIGHT: 21
ON PALLET
144 PER CUBE



8" x 8" x 12"
203 x 203 x 305
UNIT WEIGHT: 29
ON PALLET
120 PER CUBE

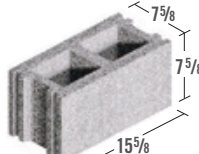


8" x 8" x 8" x 11"
203 x 203 x 203 x 279
UNIT WEIGHT: 29
ON PALLET
120 PER CUBE

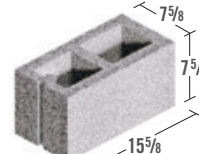


72 8" x 8" x 16" STRETCHER **73** 8" x 8" x 16" SASH & END

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 34



8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 35



8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 35

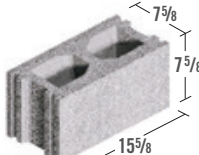
RATED 2 HOURS

STANDARD CUBE 90 PER CUBE

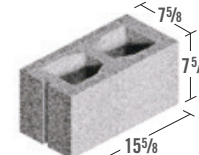
RATED 2 HOURS

74 8" x 8" x 16" 2 HOUR STRETCHER **75** 8" x 8" x 16" 2 HOUR SASH & END

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 36



8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 36



8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 36

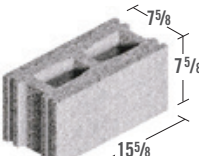
RATED 2 HOURS

STANDARD CUBE 90 PER CUBE

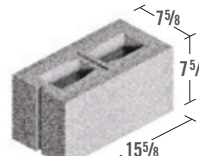
RATED 2 HOURS

76 8" x 8" x 16" 3 HOUR STRETCHER **77** 8" x 8" x 16" 3 HOUR SASH & END BREAKER

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 42



8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 44



8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 44

RATED 3 HOURS

ON PALLET 72 PER CUBE

RATED 3 HOURS

*Architectural cubed CMU's only



614.252.0955

740.369.7644

937.885.3711

800.845.7644



740.363.7644



info@oberfields.com

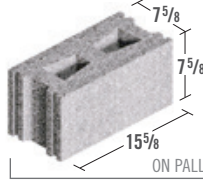
WWW.OBERFIELDS.COM

78

8" x 8" x 16" 4 HOUR STRETCHER

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 49
NON-STOCK



RATED 4 HOURS

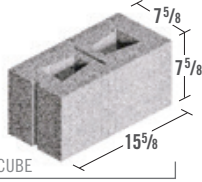
ON PALLET 72 PER CUBE

79

8" x 8" x 16" 4 HOUR SASH & END BREAKER

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 51
NON-STOCK



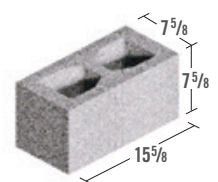
RATED 4 HOURS

80

8" x 8" x 16" DOUBLE END

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 36
ON PALLET
90 PER CUBE

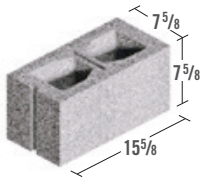


81

8" x 8" x 16" SASH & END BREAKER

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 36
ON PALLET
90 PER CUBE

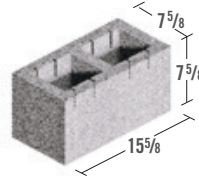


82

8" x 8" x 16" WEEP

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 33
STANDARD CUBE
90 PER CUBE

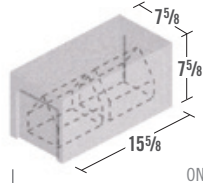


83

8" x 8" x 16" TERMITE

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 43



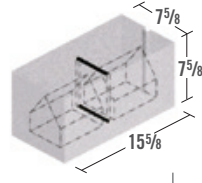
ON (18) 8" HC

84

8" x 8" x 16" TERMITE SASH & END BREAKER

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 50

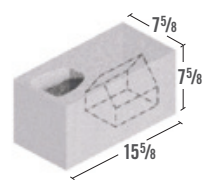


84a

8" x 8" x 16" OPEN CELL TERMITE

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 38
ON (18) 8" HC
72 PER CUBE

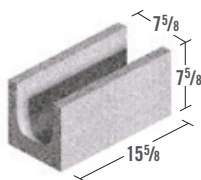


85

8" x 8" x 16" U SOLID BOTTOM BOND BEAM

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 45
ON PALLET
90 PER CUBE

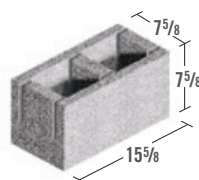


86

8" x 8" x 16" OPEN BOTTOM BOND BEAM
2 SLOT

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 37
ON PALLET
90 PER CUBE

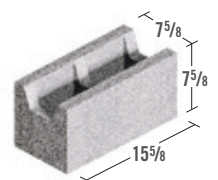


87

8" x 8" x 16" RESTRICTED BOND BEAM

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 32
ON PALLET
90 PER CUBE

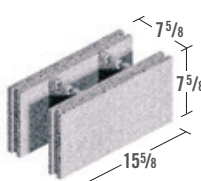


88

8" x 8" x 16" GROUT

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 34
ON PALLET
90 PER CUBE

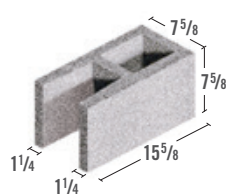


88a

8" x 8" x 16" OPEN END REBAR

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 33
ON PALLET
90 PER CUBE

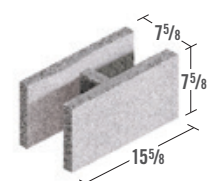


88b

8" x 8" x 16" DOUBLE OPEN END BOND BEAM

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 32
ON PALLET
90 PER CUBE

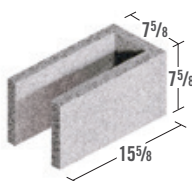


88c

8" x 8" x 16" BEAM INTEL

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 36
ON PALLET
90 PER CUBE
NON-STOCK

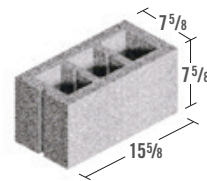


89

8" x 8" x 16" KNOCK-OUT PIPE CHASE

8" x 8" x 16"

203 x 203 x 406
UNIT WEIGHT: 35
ON PALLET
90 PER CUBE

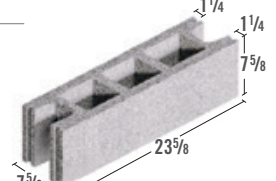


89a

8" x 8" x 24" HOLLOW CORE

8" x 8" x 24"

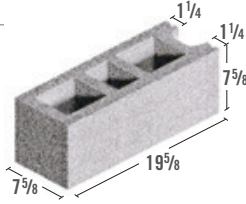
203 x 203 x 610
UNIT WEIGHT: 51
ON PALLET
60 PER CUBE
NON-STOCK





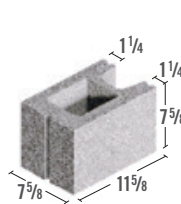
89b 8" x 8" x 20" CORNER/STRETCHER

8" x 8" x 20"
203 x 203 x 508
UNIT WEIGHT: 48
ON PALLET
60 PER CUBE
NON-STOCK



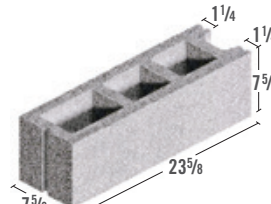
89c 8" x 8" x 12" 1/2 SASH/STRETCHER

8" x 8" x 12"
203 x 203 x 305
UNIT WEIGHT: 28
40 PER CUBE
NON-STOCK



89d 8" x 8" x 24" HOLLOW CORE SASH/STRETCHER

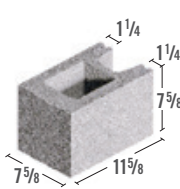
8" x 8" x 24"
203 x 203 x 610
UNIT WEIGHT: 53
40 PER CUBE
NON-STOCK



ON PALLET 80 PER CUBE

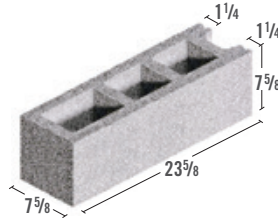
89e 8" x 8" x 12" END/STRETCHER

8" x 8" x 12"
203 x 203 x 305
UNIT WEIGHT: 28
40 PER CUBE
NON-STOCK



89f 8" x 8" x 24" HOLLOW CORE END/STRETCHER

8" x 8" x 24"
203 x 203 x 610
UNIT WEIGHT: 53
40 PER CUBE
NON-STOCK

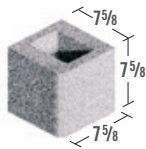


ON PALLET 80 PER CUBE

8" BULLNOSE

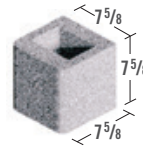
91 8" x 8" x 8" SINGLE BULLNOSE & END

8" x 8" x 8"
203 x 203 x 203
UNIT WEIGHT: 21
ON PALLET
144 PER CUBE



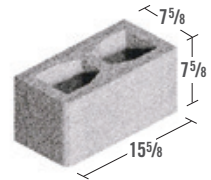
92 8" x 8" x 8" DOUBLE BULLNOSE & END

8" x 8" x 8"
203 x 203 x 203
UNIT WEIGHT: 21
ON PALLET
144 PER CUBE



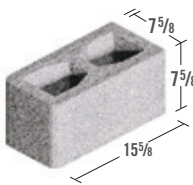
93 8" x 8" x 16" SINGLE BULLNOSE & END

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 38
ON PALLET
90 PER CUBE



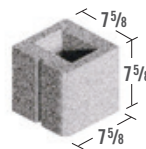
94 8" x 8" x 16" DOUBLE BULLNOSE & END

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 38
ON PALLET
90 PER CUBE



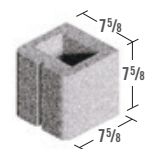
95 8" x 8" x 8" SASH ON SINGLE BULLNOSE & END

8" x 8" x 8"
203 x 203 x 203
UNIT WEIGHT: 21
ON PALLET
144 PER CUBE
NON-STOCK



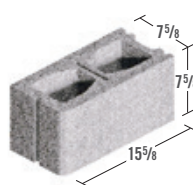
96 8" x 8" x 8" SASH ON DOUBLE BULLNOSE & END

8" x 8" x 8"
203 x 203 x 203
UNIT WEIGHT: 21
ON PALLET
144 PER CUBE
NON-STOCK



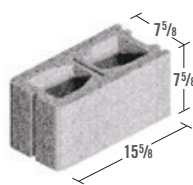
97 8" x 8" x 16" SASH ON SINGLE BULLNOSE & STRETCHER BREAKER

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 38
ON PALLET
90 PER CUBE
NON-STOCK



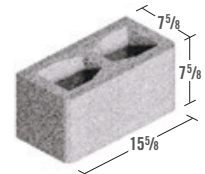
98 8" x 8" x 16" SASH ON DOUBLE BULLNOSE & STRETCHER BREAKER

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 38
ON PALLET
90 PER CUBE
NON-STOCK



99 8" x 8" x 16" BULLNOSE DOUBLE END (PILASTER)

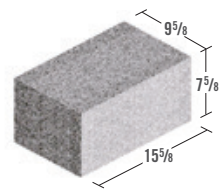
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 38
ON PALLET
90 PER CUBE





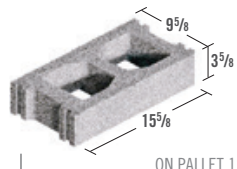
101 10" x 8" x 16" SOLID

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 84
ON PALLET
45 PER CUBE
NON-STOCK
RATED 4 HOURS



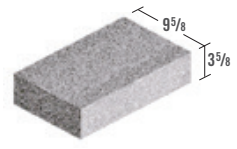
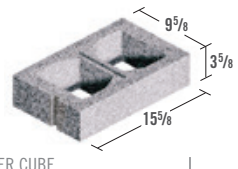
102 10" x 4" x 16" STRETCHER

10" x 4" x 16"
254 x 102 x 406
UNIT WEIGHT: 23
NON-STOCK
ON PALLET 120 PER CUBE



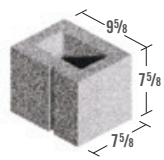
103 10" x 4" x 16" SASH & END BREAKER

10" x 4" x 16"
254 x 102 x 406
UNIT WEIGHT: 23
NON-STOCK



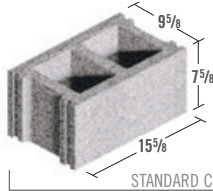
104 10" x 8" x 8" SASH & END

10" x 8" x 8"
254 x 203 x 203
UNIT WEIGHT: 25
ON PALLET
90 PER CUBE



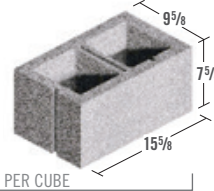
105 10" x 8" x 16" STRETCHER

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 44
RATED 3 HOURS



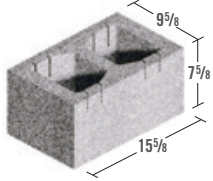
106 10" x 8" x 16" SASH & END BREAKER

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 48
RATED 3 HOURS



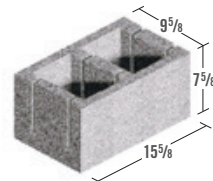
107 10" x 8" x 16" WEEP

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 46
STANDARD CUBE
72 PER CUBE



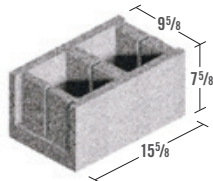
108 10" x 8" x 16" OPEN BOTTOM BOND BEAM

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 48
STANDARD CUBE
75 PER CUBE
NON-STOCK



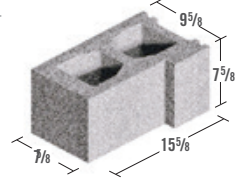
109 10" x 8" x 16" TERMITE OR BOND BEAM

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 50
ON PALLET
60 PER CUBE



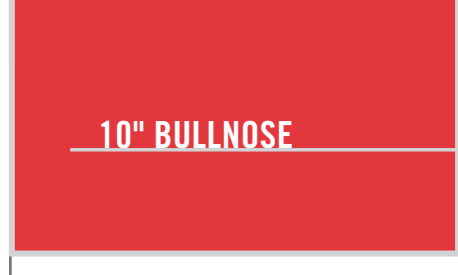
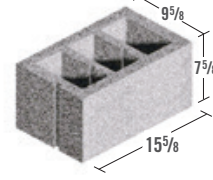
110 10" x 8" x 16" RETURN CORNER

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 43
ON PALLET
72 PER CUBE



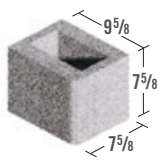
111 10" x 8" x 16" KNOCK-OUT PIPE CHASE

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 48
ON PALLET
75 PER CUBE



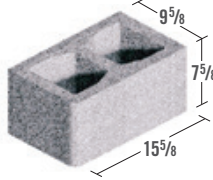
112 10" x 8" x 8" SINGLE BULLNOSE & END

10" x 8" x 8"
254 x 203 x 203
UNIT WEIGHT: 25
ON PALLET
90 PER CUBE



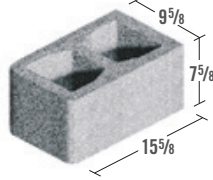
113 10" x 8" x 16" SINGLE BULLNOSE & END

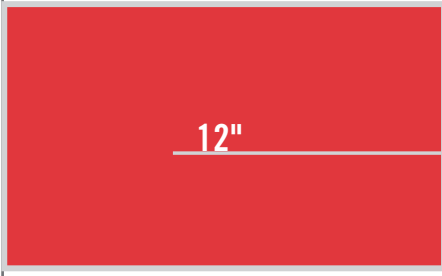
10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 50
ON PALLET
75 PER CUBE



114 10" x 8" x 16" DOUBLE BULLNOSE & END

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 50
ON PALLET
75 PER CUBE





115 12" x 4" x 16" SOLID

12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 48
ON PALLET
72 PER CUBE

116 12" x 8" x 16" SOLID

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 99
ON PALLET
36 PER CUBE

RATED 4 HOURS

117a 12" x 4" x 16" DOUBLE END

117a 12" x 4" x 16" DOUBLE END

118 12" x 4" x 16" SASH & END BREAKER

118a 12" x 4" x 16" RESTRICTED BOND BEAM

12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 23

ON PALLET 120 PER CUBE

12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 24
ON PALLET
120 PER CUBE

119 12" x 8" x 8" SASH & END

120 12" x 8" x 12" DOUBLE END

121 12" 45 DEGREE

12" x 8" x 8"
305 x 203 x 203
UNIT WEIGHT: 29
ON PALLET
120 PER CUBE

12" x 8" x 12"
305 x 203 x 305
UNIT WEIGHT: 41
ON PALLET
80 PER CUBE

12" x 8" x 8" x 13"
305 x 203 x 203 x 330
UNIT WEIGHT: 42
ON PALLET
60 PER CUBE

122 12" x 8" x 16" STRETCHER

123 12" x 8" x 16" STRETCHER (THREE CORE)

124 12" x 8" x 16" DOUBLE END

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 51
STANDARD CUBE
OR ON PALLET
66 PER CUBE

RATED 3 HOURS

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 53
ON PALLET
60 PER CUBE
NON-STOCK

RATED 4 HOURS

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 47
STANDARD CUBE
60 PER CUBE

125 12" x 8" x 16" SASH & END BREAKER

125a 12" x 8" x 16" DOUBLE END* **125b** 12" x 8" x 16" SASH & END BREAKER* **125c** 12" x 8" x 16" DOUBLE END*

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 55
ON PALLET
60 PER CUBE

ON PALLET 60 PER CUBE

126 12" x 8" x 16" WEEP

127 12" x 8" x 16" TERMITE

128 12" x 8" x 16" TERMITE SASH & END BREAKER

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 47
STANDARD CUBE
72 PER CUBE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 64

ON PALLET 60 PER CUBE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 66

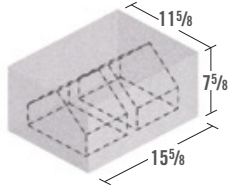
*Architectural cubed CMS's only



129 12" x 8" x 16" DOUBLE END TERMITE

12" x 8" x 16"

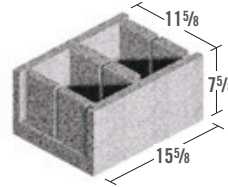
305 x 203 x 406
UNIT WEIGHT: 77
ON PALLET
60 PER CUBE



130 12" x 8" x 16" TERMITE OR BOND BEAM

12" x 8" x 16"

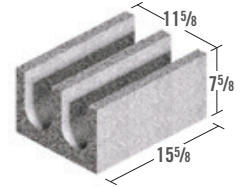
305 x 203 x 406
UNIT WEIGHT: 59
ON PALLET
60 PER CUBE



131 12" x 8" x 16" W BOND BEAM

12" x 8" x 16"

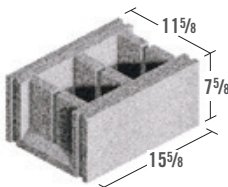
305 x 203 x 406
UNIT WEIGHT: 59
ON PALLET
60 PER CUBE



132 12" x 8" x 16" OPEN BOTTOM BOND BEAM

12" x 8" x 16"

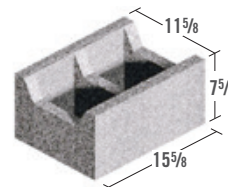
305 x 203 x 406
UNIT WEIGHT: 58
ON PALLET
60 PER CUBE



133 12" x 8" x 16" RESTRICTED BOND BEAM

12" x 8" x 16"

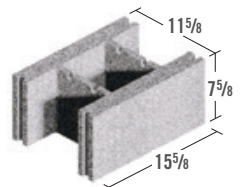
305 x 203 x 406
UNIT WEIGHT: 47
ON PALLET
60 PER CUBE



134 12" x 8" x 16" GROUT

12" x 8" x 16"

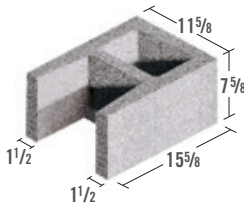
305 x 203 x 406
UNIT WEIGHT: 39
ON PALLET
60 PER CUBE



134a 12" x 8" x 16" OPEN END REBAR

12" x 8" x 16"

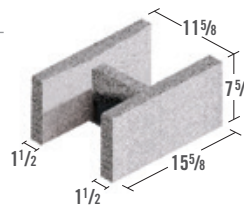
305 x 203 x 406
UNIT WEIGHT: 46
ON PALLET
60 PER CUBE



134b 12" x 8" x 16" DOUBLE OPEN END BOND BEAM

12" x 8" x 16"

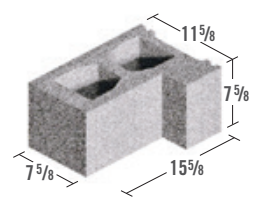
305 x 203 x 406
UNIT WEIGHT: 46
ON PALLET
60 PER CUBE



135 12" x 8" x 16" RETURN CORNER

12" x 8" x 16"

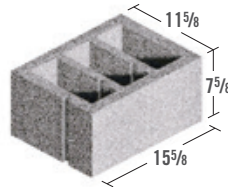
305 x 203 x 406
UNIT WEIGHT: 46
ON PALLET
72 PER CUBE



136 12" x 8" x 16" KNOCK-OUT PIPE CHASE

12" x 8" x 16"

305 x 203 x 406
UNIT WEIGHT: 55
ON PALLET
60 PER CUBE

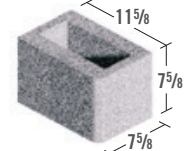


12" BULLNOSE

137 12" x 8" x 8" SINGLE BULLNOSE & END

12" x 8" x 8"

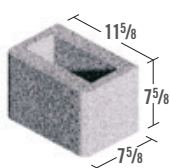
305 x 203 x 203
UNIT WEIGHT: 29
ON PALLET
120 PER CUBE



138 12" x 8" x 8" DOUBLE BULLNOSE & END

12" x 8" x 8"

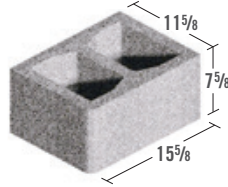
305 x 203 x 203
UNIT WEIGHT: 29
ON PALLET
120 PER CUBE



139 12" x 8" x 16" SINGLE BULLNOSE & END

12" x 8" x 16"

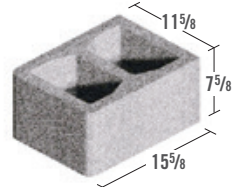
305 x 203 x 406
UNIT WEIGHT: 57
ON PALLET
60 PER CUBE



140 12" x 8" x 16" DOUBLE BULLNOSE & END

12" x 8" x 16"

305 x 203 x 406
UNIT WEIGHT: 57
ON PALLET
60 PER CUBE



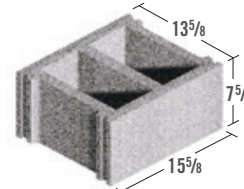
14"

141 14" x 8" x 16" STRETCHER

14" x 8" x 16"

356 x 203 x 406
UNIT WEIGHT: 55
54 PER CUBE

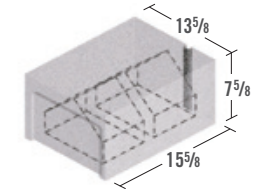
RATED 4 HOURS



141a 14" x 8" x 16" Termite Sash & End

14" x 8" x 16"

356 x 203 x 406
UNIT WEIGHT: 72
45 PER CUBE
Non Stock

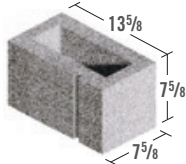


*Architectural cubed CMU's only



142 14" x 8" x 8" SASH & END

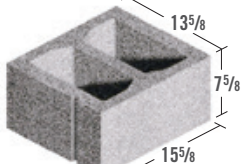
14" x 8" x 8"
356 x 203 x 203
UNIT WEIGHT: 33



ON PALLET 30 OF EACH SHAPE PER CUBE

143 14" x 8" x 16" SASH & END

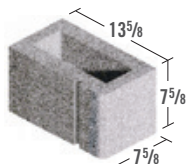
14" x 8" x 16"
356 x 203 x 406
UNIT WEIGHT: 58



RATED 4 HOURS

143a 14" x 8" x 8" SASH ON SINGLE BULLNOSE & END

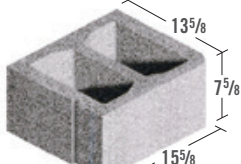
14" x 8" x 8"
356 x 203 x 203
UNIT WEIGHT: 33



ON PALLET 30 OF EACH SHAPE PER CUBE

143b 14" x 8" x 16" SASH ON SINGLE BULLNOSE END

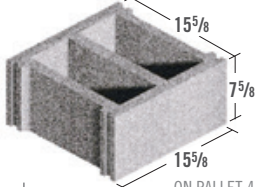
14" x 8" x 16"
356 x 203 x 406
UNIT WEIGHT: 53



RATED 4 HOURS

144 16" x 8" x 16" STRETCHER

16" x 8" x 16"
406 x 203 x 406
UNIT WEIGHT: 57

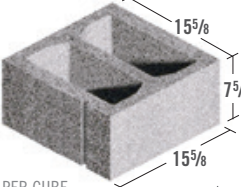


RATED 4 HOURS

ON PALLET 45 PER CUBE

145 16" x 8" x 16" SASH & END

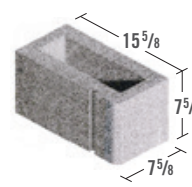
16" x 8" x 16"
406 x 203 x 406
UNIT WEIGHT: 63



RATED 4 HOURS

145a 16" x 8" x 8" SASH & END

16" x 8" x 8"
406 x 203 x 406
UNIT WEIGHT: 65
90 PER CUBE

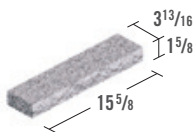


RATED 4 HOURS

SPLIT FACE 4"

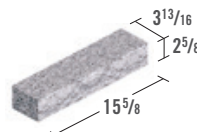
148 4" x 2" x 16" SOLID SPLIT FACE

4" x 2" x 16"
102 x 51 x 406
UNIT WEIGHT: 7
ON PALLET
504 PER CUBE
NON-STOCK



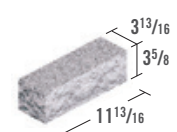
149 4" x 3" x 16" SOLID SPLIT FACE

4" x 3" x 16"
102 x 76 x 406
UNIT WEIGHT: 12
ON PALLET
288 PER CUBE
NON-STOCK



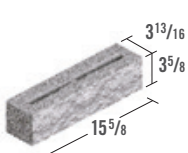
150 4" x 4" x 12" SOLID CORNER & END SPLIT FACE

4" x 4" x 12"
102 x 102 x 305
UNIT WEIGHT: 12
ON PALLET
216 PER CUBE
NON-STOCK



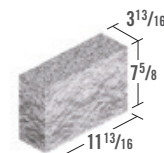
151 4" x 4" x 16" SOLID SPLIT FACE FROGGED

4" x 4" x 16"
102 x 102 x 406
UNIT WEIGHT: 17
ON PALLET
216 PER CUBE
NON-STOCK



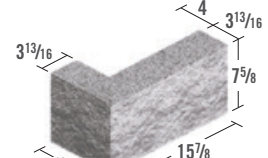
152 4" x 8" x 12" SOLID CORNER & END SPLIT FACE

4" x 8" x 12"
102 x 203 x 305
UNIT WEIGHT: 24
ON PALLET
144 PER CUBE
NON-STOCK



152a 4" x 8" x 16" SOLID L CORNER & END SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 34
ON PALLET
108 PER CUBE
NON-STOCK





153 4" x 8" x 16" SOLID SPLIT FACE FROGGED

4" x 8" x 16"

102 x 203 x 406
UNIT WEIGHT: 34
ON PALLET
108 PER CUBE
NON-STOCK

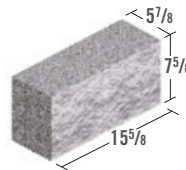


SPLIT FACE 6"

156 6" x 8" x 16" SOLID SPLIT FACE

6" x 8" x 16"

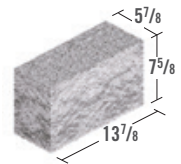
152 x 203 x 406
UNIT WEIGHT: 53
ON PALLET
72 PER CUBE
NON-STOCK



157 6" x 8" x 14" SOLID CORNER & END SPLIT FACE

6" x 8" x 14"

152 x 203 x 356
UNIT WEIGHT: 48
ON PALLET
72 PER CUBE
NON-STOCK

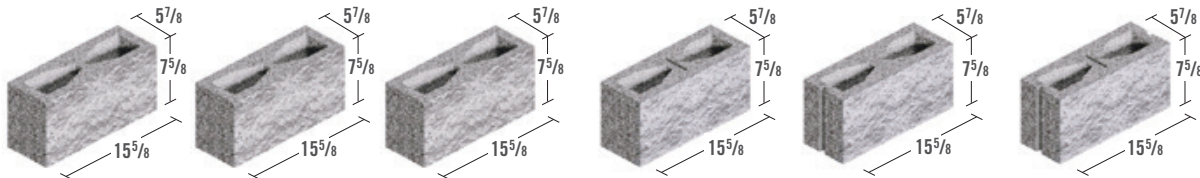


158 6" x 8" x 16" DOUBLE END SPLIT FACE

159 6" x 8" x 16" DOUBLE END BREAKER SPLIT FACE

159a 6" x 8" x 16" SASH & END SPLIT FACE

159b 6" x 8" x 16" DOUBLE SASH BREAKER



6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 37
ON PALLET
NON-STOCK

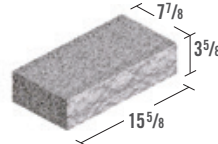
ALL SIX UNITS ON PALLET 96 PER CUBE

SPLIT FACE 8"

160 8" x 4" x 16" SOLID SPLIT FACE

8" x 4" x 16"

203 x 102 x 406
UNIT WEIGHT: 34
ON PALLET
108 PER CUBE
NON-STOCK



161a 8" x 4" x 16" DOUBLE END SPLIT FACE

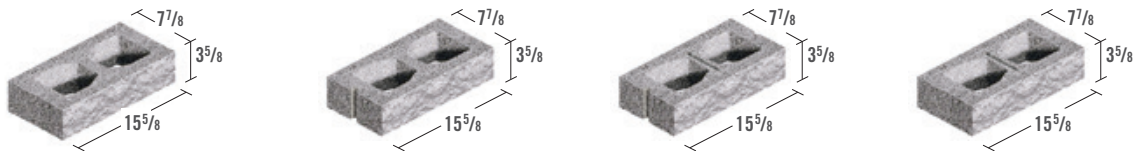
162b 8" x 4" x 16" SASH & END SPLIT FACE

162c 8" x 4" x 16" DOUBLE SASH BREAKER SPLIT FACE

162d 8" x 4" x 16" DOUBLE END BREAKER SPLIT FACE

8" x 4" x 16"

203 x 102 x 406
UNIT WEIGHT: 19
NON-STOCK

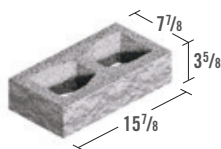


ON PALLET 144 PER CUBE

163 8" x 4" x 16" CORNER & END SPLIT FACE

8" x 4" x 16"

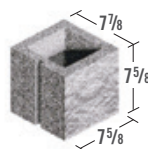
203 x 102 x 406
UNIT WEIGHT: 19
ON PALLET
120 PER CUBE
NON-STOCK



164 8" x 8" x 8" SASH & END SPLIT FACE

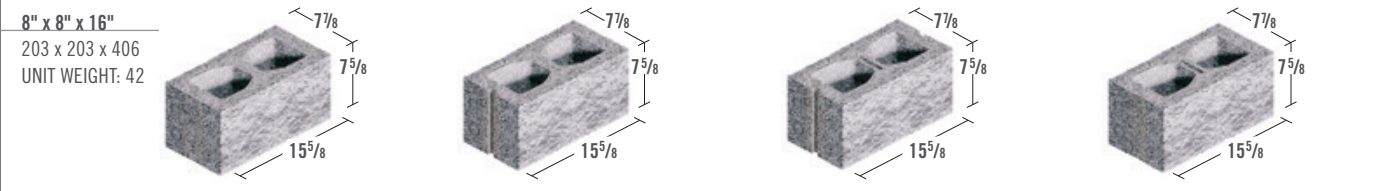
8" x 8" x 8"

203 x 203 x 203
UNIT WEIGHT: 22
ON PALLET
144 PER CUBE

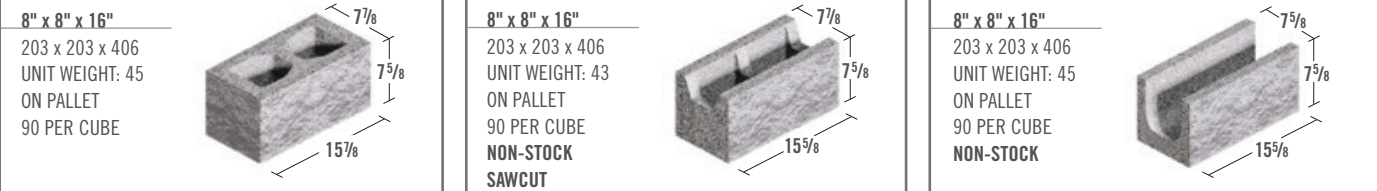




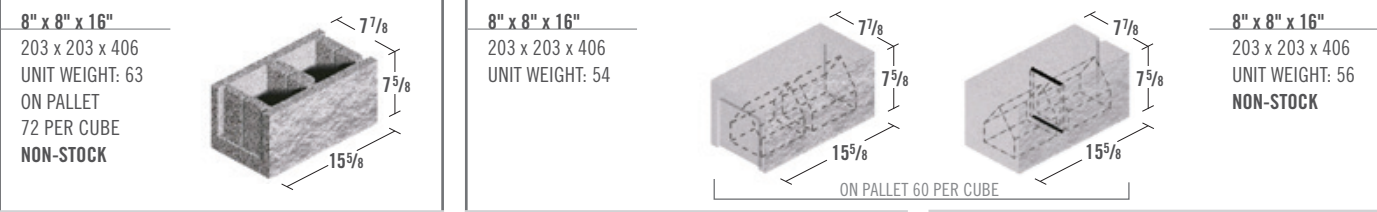
167a 8" x 8" x 16" DOUBLE END SPLIT FACE	167b 8" x 8" x 16" SASH & END SPLIT FACE	167c 8" x 8" x 16" DOUBLE SASH BREAKER SPLIT FACE	167d 8" x 8" x 16" DOUBLE END BREAKER SPLIT FACE
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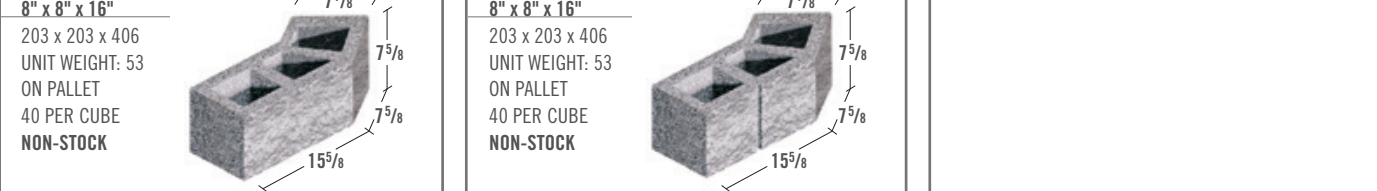
169 8" x 8" x 16" CORNER & END SPLIT FACE	170 8" x 8" x 16" RESTRICTED BOND BEAM OPEN BOTTOM SPLIT FACE	170a 8" x 8" x 16" U BOND BEAM SPLIT FACE
--------------------------------------------------	----------------------------------------------------------------------	--------------------------------------------------



173 8" x 8" x 16" TERMITE OR BOND BEAM SPLIT FACE	174 8" x 8" x 16" TERMITE SPLIT FACE	175 8" x 8" x 16" TERMITE SASH & END BREAKER SPLIT FACE
----------------------------------------------------------	---------------------------------------------	----------------------------------------------------------------

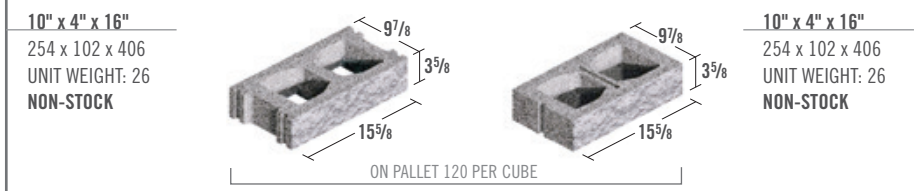


175a 8" x 8" x 16" 45 DEGREE HC SPLIT FACE	175b 8" x 8" x 16" 45 DEGREE HC SINGLE SCORE SPLIT FACE
---------------------------------------------------	----------------------------------------------------------------

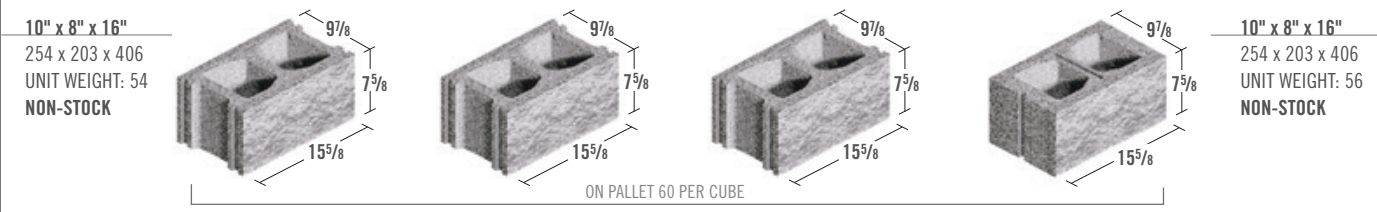


SPLIT FACE 10"

176 10" x 4" x 16" STRETCHER SPLIT FACE	177 10" x 4" x 16" SASH & END BREAKER SPLIT FACE
------------------------------------------------	---------------------------------------------------------



178 10" x 8" x 16" STRETCHER SPLIT FACE	178a 10" x 8" x 16" SASH & END BREAKER SPLIT FACE
------------------------------------------------	----------------------------------------------------------





180 10" x 8" x 16" TERMITE OR BOND BEAM SPLIT FACE

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 60
ON PALLET
60 PER CUBE
NON-STOCK

181 10" x 8" x 16" OPEN BOTTOM BOND BEAM SPLIT FACE

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 53
ON PALLET
72 PER CUBE
NON-STOCK

SPLIT FACE 12"

182 12" x 4" x 16" SOLID SPLIT FACE

12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 51
ON PALLET
60 PER CUBE
NON-STOCK

183 12" x 4" x 16" DOUBLE END SPLIT FACE

12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 29
NON-STOCK

ON PALLET 120 PER CUBE

184 12" x 4" x 16" SASH & END BREAKER SPLIT FACE

12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 30
NON-STOCK

185 12" x 8" x 8" SASH & END SPLIT FACE

12" x 8" x 8"
305 x 203 x 203
UNIT WEIGHT: 31
ON PALLET
120 PER CUBE
NON-STOCK

186 12" x 8" x 16" STRETCHER SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 58

ON PALLET 60 PER CUBE

187 12" x 8" x 16" SASH & END BREAKER SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 60
NON-STOCK

188 12" x 8" x 16" TERMITE OR BOND BEAM SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 63
ON PALLET
60 PER CUBE
NON-STOCK

188a 12" x 8" x 16" W BOND BEAM SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 63
ON PALLET
60 PER CUBE
NON-STOCK

188b 12" x 8" x 16" REST. BOND BEAM SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 63
ON PALLET
60 PER CUBE
NON-STOCK

SCORED SPLIT FACE

189 4" x 8" x 12" SOLID CORNER & END SINGLE SCORE SPLIT FACE

4" x 8" x 12"
102 x 203 x 305
UNIT WEIGHT: 25
ON PALLET
168 PER CUBE
NON-STOCK

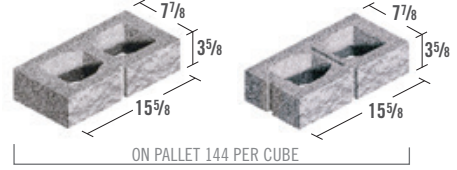
190 4" x 8" x 16" SOLID SINGLE SCORE SPLIT FACE FROGGED

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 34
ON PALLET
108 PER CUBE
NON-STOCK



191 8" x 4" x 16" DOUBLE END SINGLE SCORE SPLIT FACE

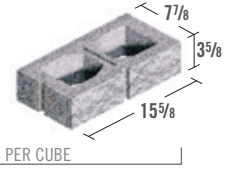
8" x 4" x 16"
203 x 102 x 406
UNIT WEIGHT: 19
NON-STOCK



ON PALLET 144 PER CUBE

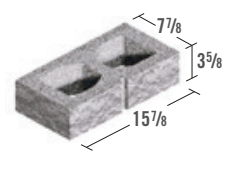
192 8" x 4" x 16" SASH & END BREAKER SINGLE SCORE SPLIT FACE

8" x 4" x 16"
203 x 102 x 406
UNIT WEIGHT: 20
NON-STOCK



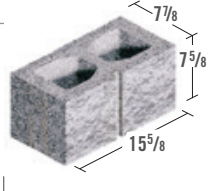
193 8" x 4" x 16" CORNER & END SINGLE SCORE SPLIT FACE

8" x 4" x 16"
203 x 102 x 406
UNIT WEIGHT: 19
ON PALLET
120 PER CUBE
NON-STOCK

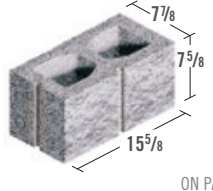


194a 8" x 8" x 16" DOUBLE END SINGLE SCORE SPLIT FACE

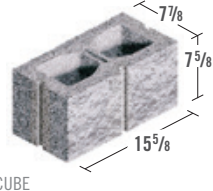
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 42
NON-STOCK



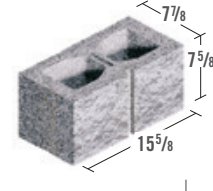
194b 8" x 8" x 16" SASH & END SINGLE SCORE SPLIT FACE



194c 8" x 8" x 16" DOUBLE SASH SINGLE SCORE BREAKER SPLIT FACE



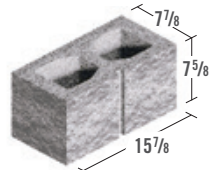
194d 8" x 8" x 16" DOUBLE END BREAKER SINGLE SCORE SPLIT FACE



ON PALLET 90 PER CUBE

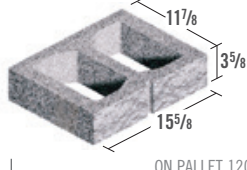
196 8" x 8" x 16" CORNER & END SINGLE SCORE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 45
ON PALLET
90 PER CUBE
NON-STOCK



197 12" x 4" x 16" DOUBLE END SINGLE SCORE SPLIT FACE

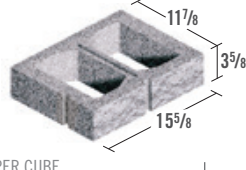
12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 29
NON-STOCK



ON PALLET 120 PER CUBE

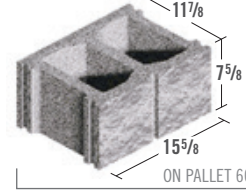
198 12" x 4" x 16" SASH & END BREAKER SINGLE SCORE SPLIT FACE

12" x 4" x 16"
305 x 102 x 406
UNIT WEIGHT: 30
NON-STOCK



199 12" x 8" x 16" STRETCHER SINGLE SCORE SPLIT FACE

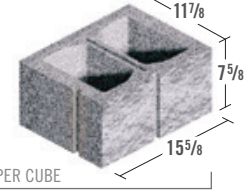
12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 58
NON-STOCK



ON PALLET 60 PER CUBE

200 12" x 8" x 16" SASH & END BREAKER SINGLE SCORE SPLIT FACE

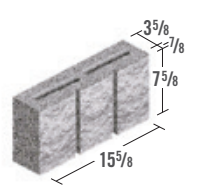
12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 60
NON-STOCK



3 FLUTE SPLIT FACE

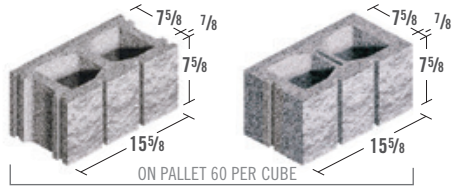
213 4" x 8" x 16" SOLID DOUBLE END 3 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 29
ON PALLET
144 PER CUBE
NON-STOCK



214 8" x 8" x 16" STRETCHER 3 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 43
NON-STOCK



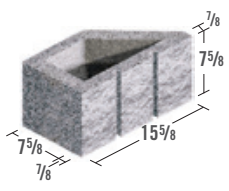
ON PALLET 60 PER CUBE

215 8" x 8" x 16" SASH & END BREAKER 3 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 44
NON-STOCK

216 8" x 8" x 16" 45 DEGREE CORNER & END 3 FLUTE SPLIT FACE

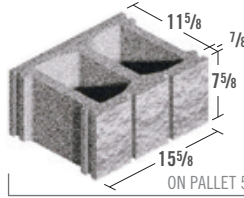
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 44
ON PALLET
60 PER CUBE
NON-STOCK





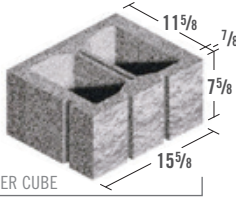
217 12" x 8" x 16" STRETCHER 3 FLUTE SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 58
NON-STOCK



218 12" x 8" x 16" SASH & END BREAKER 3 FLUTE SPLIT FACE

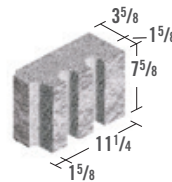
12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 59
NON-STOCK



DEEP 4 FLUTE SPLIT FACE

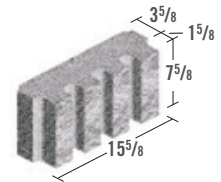
219 4" x 8" x 12" SOLID CORNER & END DEEP 4 FLUTE SPLIT FACE

4" x 8" x 12"
102 x 203 x 305
UNIT WEIGHT: 24
ON PALLET
96 PER CUBE
NON-STOCK



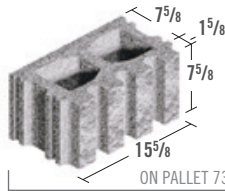
220 4" x 8" x 16" SOLID DOUBLE END DEEP 4 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 30
ON PALLET
108 PER CUBE
NON-STOCK



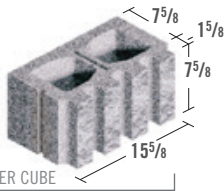
221 8" x 8" x 16" STRETCHER DEEP 4 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 55
NON-STOCK



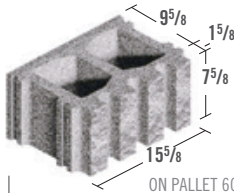
222 8" x 8" x 16" SASH & END BREAKER DEEP 4 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 56
NON-STOCK



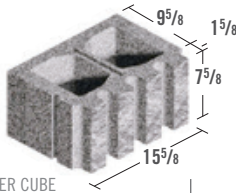
223 10" x 8" x 16" STRETCHER DEEP 4 FLUTE SPLIT FACE

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 55
NON-STOCK



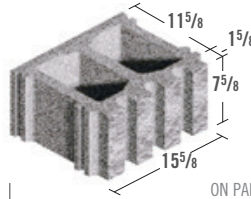
224 10" x 8" x 16" SASH & END BREAKER DEEP 4 FLUTE SPLIT FACE

10" x 8" x 16"
254 x 203 x 406
UNIT WEIGHT: 56
NON-STOCK



225 12" x 8" x 16" STRETCHER DEEP 4 FLUTE SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 62
ON PALLET
55 PER CUBE
NON-STOCK

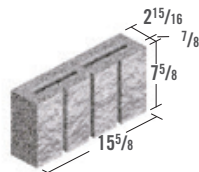


SPECIAL NOTE: WHEN YOU PURCHASE 225 YOU MUST ALSO PURCHASE 221 IN EQUAL AMOUNTS BECAUSE WHEN WE MANUFACTURE A 12" DEEP 4 FLUTE, AN 8" DEEP 4 FLUTE IS MADE IN CONJUNCTION

WIDE 4 FLUTE SPLIT FACE

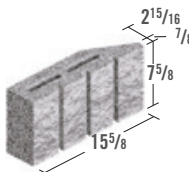
226 4" x 8" x 16" SOLID DOUBLE END WIDE 4 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 30
ON PALLET
144 PER CUBE
NON-STOCK



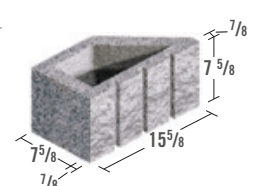
227 4" x 8" x 16" SOLID 45 DEGREE CORNER & END WIDE 4 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 26
ON PALLET
144 PER CUBE
NON-STOCK



228 8" x 8" x 16" 45 DEGREE CORNER & END WIDE 4 FLUTE SPLIT FACE

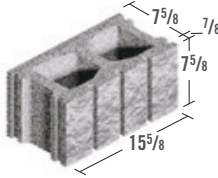
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 45
ON PALLET
75 PER CUBE
NON-STOCK





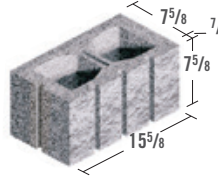
229 8" x 8" x 16" STRETCHER WIDE 4 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 43
NON-STOCK



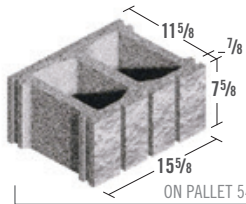
230 8" x 8" x 16" SASH & END BREAKER WIDE 4 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 44
NON-STOCK



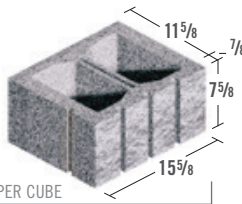
231 12" x 8" x 16" STRETCHER WIDE 4 FLUTE SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 57
NON-STOCK



232 12" x 8" x 16" SASH & END BREAKER WIDE 4 FLUTE SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 58
NON-STOCK

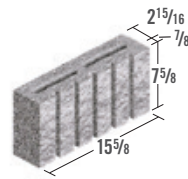


ON PALLET 54 PER CUBE

6 FLUTE SPLIT FACE

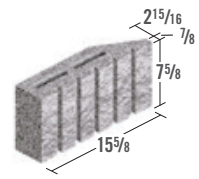
233 4" x 8" x 16" SOLID DOUBLE END 6 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 29
ON PALLET
144 PER CUBE
NON-STOCK



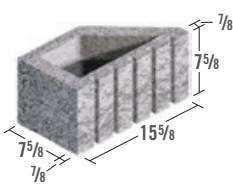
234 4" x 8" x 16" SOLID 45 DEGREE CORNER & END 6 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 26
ON PALLET
144 PER CUBE
NON-STOCK



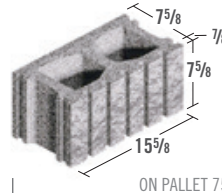
235 8" x 8" x 16" 45 DEGREE CORNER & END 6 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 43
ON PALLET
75 PER CUBE
NON-STOCK



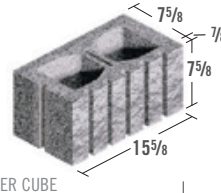
236 8" x 8" x 16" STRETCHER 6 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 43
NON-STOCK



237 8" x 8" x 16" SASH & END BREAKER 6 FLUTE SPLIT FACE

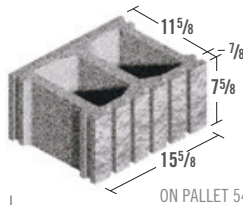
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 44
NON-STOCK



ON PALLET 75 PER CUBE

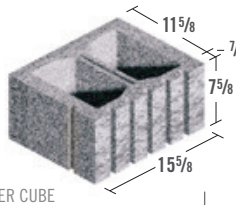
238 12" x 8" x 16" STRETCHER 6 FLUTE SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 58
NON-STOCK



239 12" x 8" x 16" SASH & END BREAKER 6 FLUTE SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 59
NON-STOCK

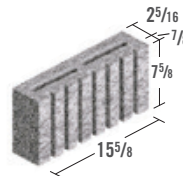


ON PALLET 54 PER CUBE

8 FLUTE SPLIT FACE

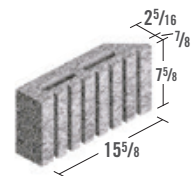
240 4" x 8" x 16" SOLID DOUBLE END 8 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 30
ON PALLET
144 PER CUBE
NON-STOCK



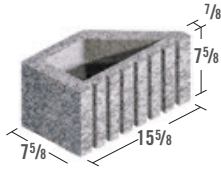
241 4" x 8" x 16" SOLID 45 DEGREE CORNER & END 8 FLUTE SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 26
ON PALLET
144 PER CUBE
NON-STOCK



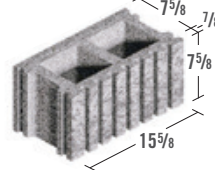
242 8" x 8" x 16" 45 DEGREE CORNER & END
8 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 40
ON PALLET
75 PER CUBE
NON-STOCK



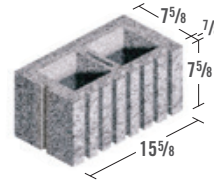
243 8" x 8" x 16" STRETCHER 8 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 43
NON-STOCK



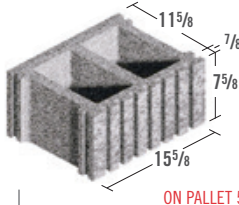
244 8" x 8" x 16" SASH & END BREAKER
8 FLUTE SPLIT FACE

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 44
NON-STOCK



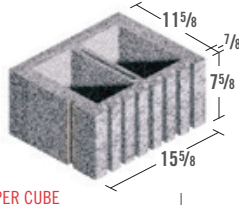
245

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 61
NON-STOCK



246 12" x 8" x 16" SASH & END BREAKER
8 FLUTE SPLIT FACE

12" x 8" x 16"
305 x 203 x 406
UNIT WEIGHT: 62
NON-STOCK

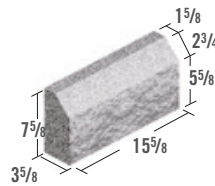


ON PALLET 54 PER CUBE

SOLID CHAMFERED SILLS

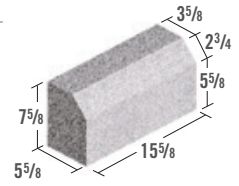
261 4" x 8" x 16" SOLID CHAMFERED SILL

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 28
ON PALLET
108 PER CUBE
NON-STOCK



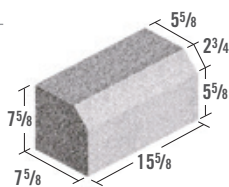
263 6" x 8" x 16" SOLID CHAMFERED SILL

6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 47
ON PALLET
72 PER CUBE
NON-STOCK



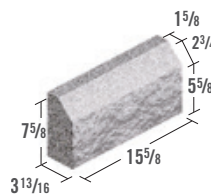
264 8" x 8" x 16" SOLID CHAMFERED SILL

8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 64
ON PALLET
54 PER CUBE
NON-STOCK



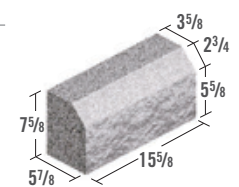
266 4" x 8" x 16" SOLID CHAMFERED SILL
SPLIT FACE

4" x 8" x 16"
102 x 203 x 406
UNIT WEIGHT: 29
ON PALLET
108 PER CUBE
NON-STOCK



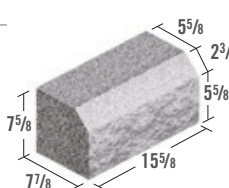
268 6" x 8" x 16" SOLID CHAMFERED SILL
SPLIT FACE

6" x 8" x 16"
152 x 203 x 406
UNIT WEIGHT: 48
ON PALLET
72 PER CUBE
NON-STOCK



269 8" x 8" x 16" SOLID CHAMFERED SILL
SPLIT FACE

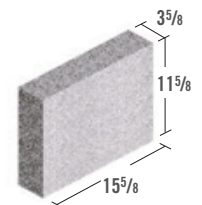
8" x 8" x 16"
203 x 203 x 406
UNIT WEIGHT: 66
ON PALLET
54 PER CUBE
NON-STOCK



COLOSSALBLOK™

270 4" x 12" x 16" SOLID

4" x 12" x 16"
102 x 305 x 406
UNIT WEIGHT: 50
ON PALLET
72 PER CUBE
NON-STOCK

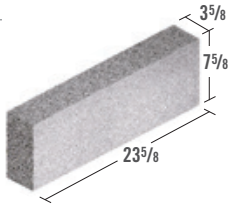




272 4" x 8" x 24" SOLID

4" x 8" x 24"

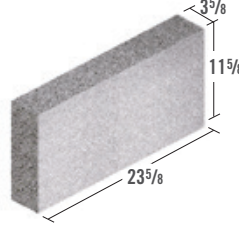
102 x 203 x 610
UNIT WEIGHT: 50
ON PALLET
72 PER CUBE
NON-STOCK



273 4" x 12" x 24" SOLID

4" x 12" x 24"

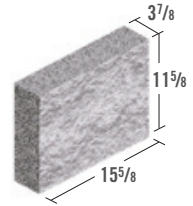
102 x 305 x 610
UNIT WEIGHT: 80
ON PALLET
48 PER CUBE
NON-STOCK



275 4" x 12" x 16" SOLID SPLIT FACE

4" x 12" x 16"

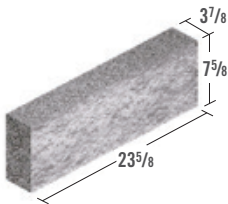
102 x 305 x 406
UNIT WEIGHT: 53
ON PALLET
72 PER CUBE
NON-STOCK



277 4" x 8" x 24" SOLID SPLIT FACE

4" x 8" x 24"

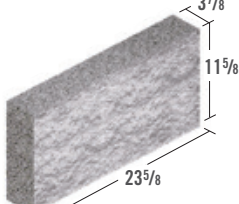
102 x 203 x 610
UNIT WEIGHT: 53
ON PALLET
72 PER CUBE
NON-STOCK



278 4" x 12" x 24" SOLID SPLIT FACE

4" x 12" x 24"

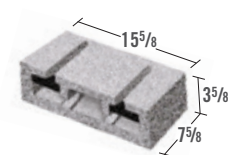
102 x 305 x 610
UNIT WEIGHT: 83
ON PALLET
48 PER CUBE
NON-STOCK



280 4" x 8" x 16" TYPE RSC (4") SOUNDBLOX

4" x 8" x 16"

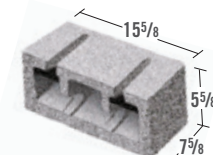
102 x 203 x 406
UNIT WEIGHT: 24
ON PALLET
144 PER CUBE
NON-STOCK



281 6" x 8" x 16" TYPE RSC (6") SOUNDBLOX

6" x 8" x 16"

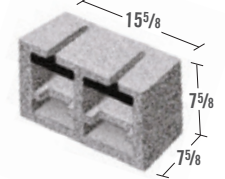
152 x 203 x 406
UNIT WEIGHT: 33
ON PALLET
108 PER CUBE
NON-STOCK



282 8" x 8" x 16" TYPE RSC (8") SOUNDBLOX

8" x 8" x 16"

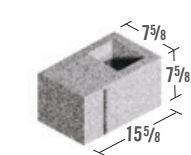
203 x 203 x 406
UNIT WEIGHT: 43
ON PALLET
90 PER CUBE
NON-STOCK



283 8" x 8" x 16" TYPE RSC (8") LH SOUNDBLOX

8" x 8" x 16"

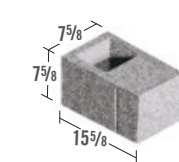
203 x 203 x 406
UNIT WEIGHT: 43
ON PALLET
90 PER CUBE
NON-STOCK



284 8" x 8" x 16" TYPE RSC (8") RH SOUNDBLOX

8" x 8" x 16"

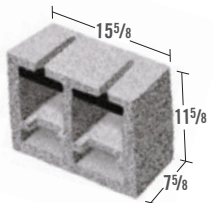
203 x 203 x 406
UNIT WEIGHT: 43
ON PALLET
90 PER CUBE
NON-STOCK



285 12" x 8" x 16" TYPE RSC (12") SOUNDBLOX

12" x 8" x 16"

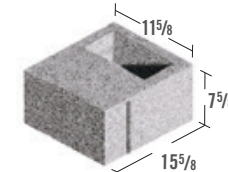
305 x 203 x 406
UNIT WEIGHT: 59
ON PALLET
60 PER CUBE
NON-STOCK



286 12" x 8" x 16" TYPE RSC (12") LH SOUNDBLOX

12" x 8" x 16"

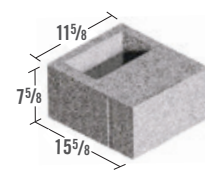
305 x 203 x 406
UNIT WEIGHT: 59
ON PALLET
60 PER CUBE
NON-STOCK



287 12" x 8" x 16" TYPE RSC (12") RH SOUNDBLOX

12" x 8" x 16"

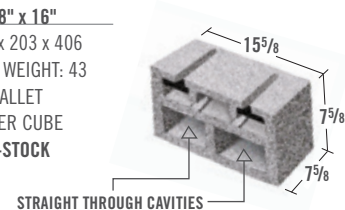
305 x 203 x 406
UNIT WEIGHT: 59
ON PALLET
60 PER CUBE
NON-STOCK



288 8" x 8" x 16" TYPE RSC/RF (8") SOUNDBLOX

8" x 8" x 16"

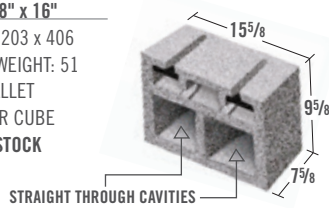
203 x 203 x 406
UNIT WEIGHT: 43
ON PALLET
90 PER CUBE
NON-STOCK



289 10" x 8" x 16" TYPE RSC/RF (10") SOUNDBLOX

10" x 8" x 16"

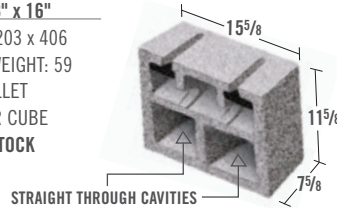
254 x 203 x 406
UNIT WEIGHT: 51
ON PALLET
72 PER CUBE
NON-STOCK



290 12" x 8" x 16" TYPE RSC/RF (12") SOUNDBLOX

12" x 8" x 16"

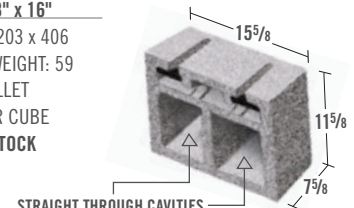
305 x 203 x 406
UNIT WEIGHT: 59
ON PALLET
60 PER CUBE
NON-STOCK



291 12" x 8" x 16" TYPE RSC/RF4 (12") SOUNDBLOX

12" x 8" x 16"

305 x 203 x 406
UNIT WEIGHT: 59
ON PALLET
60 PER CUBE
NON-STOCK

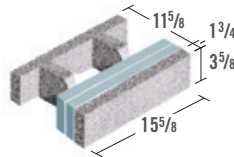


Hi R® ENERGY WALL SYSTEM

297 12" x 4" x 16" Hi R SMOOTH*

12" x 4" x 16"

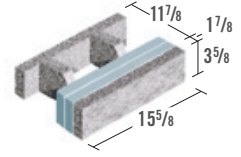
305 x 102 x 406
UNIT WEIGHT: 22
ON PALLET
120 PER CUBE
NON-STOCK



298 12" x 4" x 16" Hi R SPLIT FACE*

12" x 4" x 16"

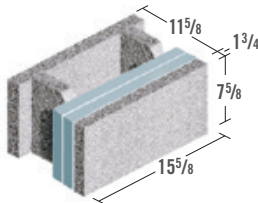
305 x 102 x 406
UNIT WEIGHT: 23
ON PALLET
120 PER CUBE
NON-STOCK



299 12" x 8" x 16" Hi R SMOOTH*

12" x 8" x 16"

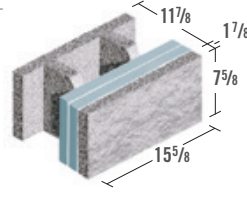
305 x 203 x 406
UNIT WEIGHT: 43
ON PALLET
60 PER CUBE
NON-STOCK



300 12" x 8" x 16" Hi R SPLIT FACE*

12" x 8" x 16"

305 x 203 x 406
UNIT WEIGHT: 44
ON PALLET
60 PER CUBE
NON-STOCK

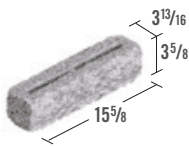


ARTISTRY SERIES

301 4" x 4" x 16" SOLID TUMBLED FROGGED

4" x 4" x 16"

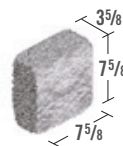
102 x 102 x 406
UNIT WEIGHT: 17
ON PALLET
NON-STOCK



302 4" x 8" x 8" SOLID TUMBLED

4" x 8" x 8"

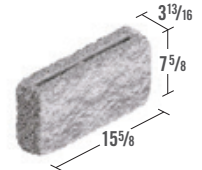
102 x 203 x 203
UNIT WEIGHT: 17
ON PALLET
NON-STOCK



303 4" x 8" x 16" SOLID TUMBLED FROGGED

4" x 8" x 16"

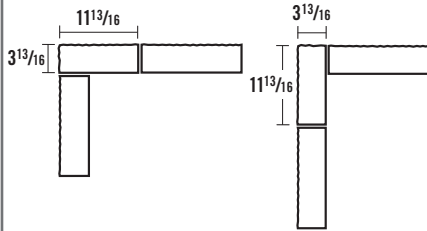
102 x 203 x 406
UNIT WEIGHT: 34
ON PALLET
NON-STOCK





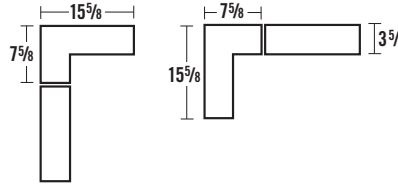
CORNER DETAILS ▾

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



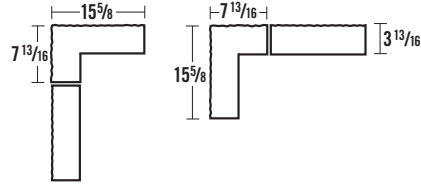
1st COURSE 2nd COURSE

B 4" WALL USING 4" x 8" x 16" FULL RETURN L CORNER



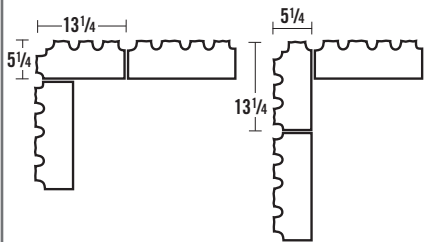
1st COURSE 2nd COURSE

Ba 4" WALL USING 4" x 8" x 16" FULL RETURN L CORNER SPLIT FACE



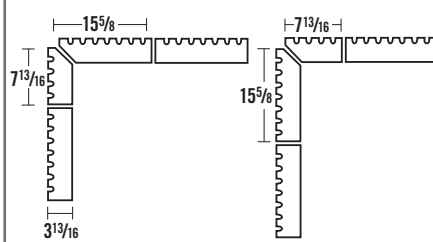
1st COURSE 2nd COURSE

C 4" WALL USING 4" x 8" x 12" CORNER & END DEEP 4 FLUTE SPLIT FACE



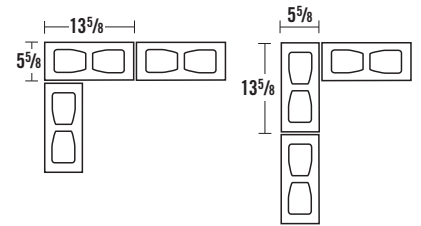
1st COURSE 2nd COURSE

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



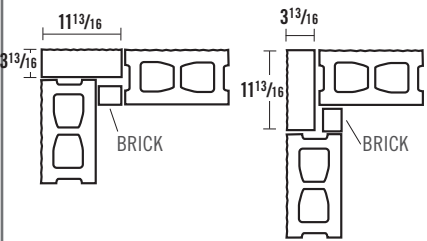
1st COURSE 2nd COURSE

E 6" WALL USING 6" x 8" x 14" DOUBLE END



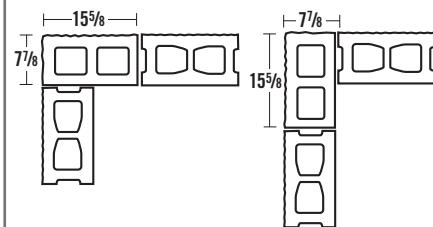
1st COURSE 2nd COURSE

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



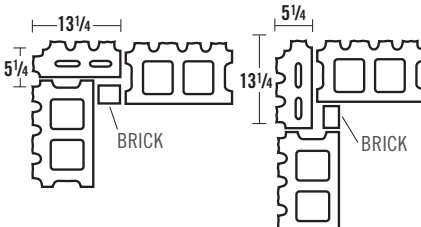
1st COURSE 2nd COURSE

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



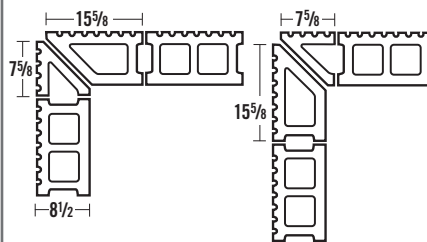
1st COURSE 2nd COURSE

I 8" WALL USING 4" x 8" x 12" CORNER & END DEEP 4 FLUTE SPLIT FACE



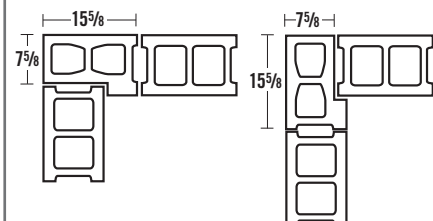
1st COURSE 2nd COURSE

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



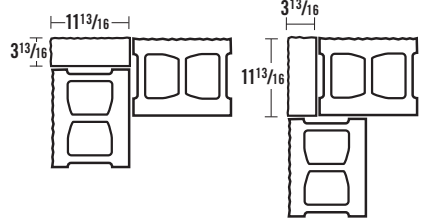
1st COURSE 2nd COURSE

K 10" WALL USING 10" x 8" x 16" RETURN CORNER



1st COURSE 2nd COURSE

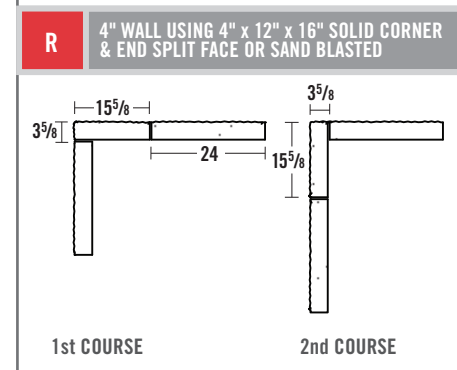
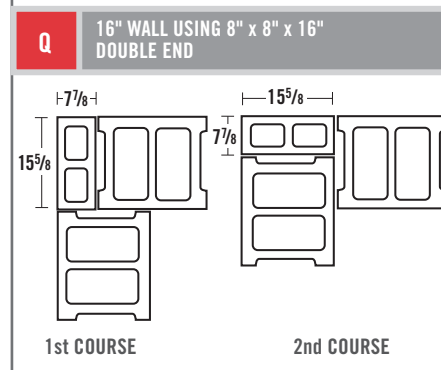
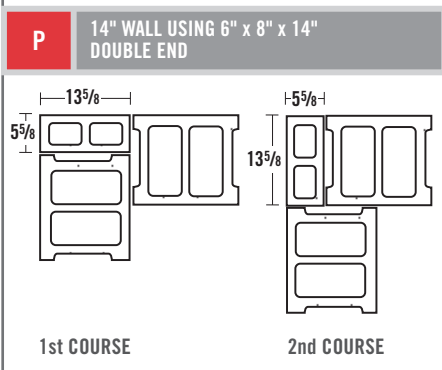
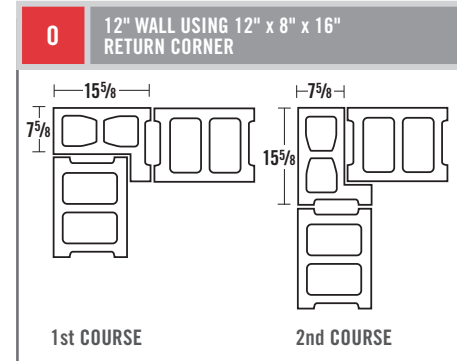
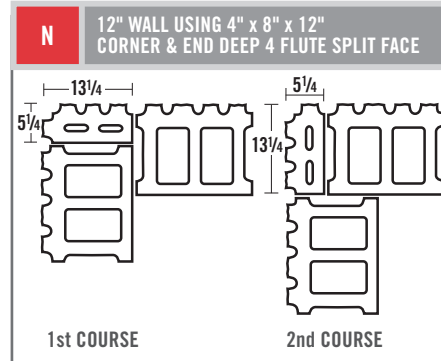
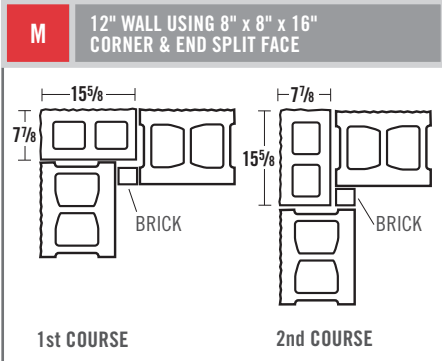
L 12" WALL USING 4" x 8" x 12" SOLID CORNER SPLIT FACE



1st COURSE 2nd COURSE



CORNER DETAILS (CONTINUED) ▾

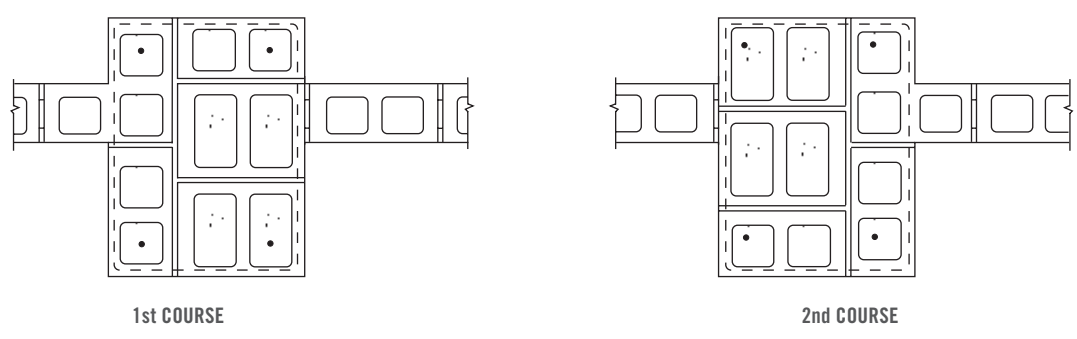


PIER DETAILS ▾

8" UNITS



8" & 12" UNITS





LENGTH OF CONCRETE MASONRY WALLS BY STRETCHERS ▾

NO. OF STRETCHERS	WALL LENGTH
1	1'4"
1.5	2'0"
2	2'8"
2.5	3'4"
3	4'0"
3.5	4'8"
4	5'4"
4.5	6'0"
5	6'8"
5.5	7'4"
6	8'0"
6.5	8'8"
7	9'4"
7.5	10'0"
8	10'8"
8.5	11'4"
9	12'0"
9.5	12'8"
10	13'4"
10.5	14'0"
11	14'8"
11.5	15'4"
12	16'0"
12.5	16'8"
13	17'4"
13.5	18'0"
14	18'8"
14.5	19'4"
15	20'0"
20	26'8"



HEIGHT OF CONCRETE MASONRY WALLS BY COURSES ▾

NO. OF COURSES	WALL HEIGHT					
	3/8" BED JOINT		7/16" BED JOINT		1/2" BED JOINT	
	8" BLOCK	4" BLOCK	8" block	4" block	8" block	4" block
1	8"	4"	8 ¹ / ₁₆ "	4 ¹ / ₁₆ "	8 ¹ / ₈ "	4 ¹ / ₈ "
2	1'4"	8"	1'4 ¹ / ₈ "	8 ¹ / ₈ "	1'4 ¹ / ₄ "	8 ¹ / ₄ "
3	2'0"	1'0"	2' ¹³ / ₁₆ "	1' ³ / ₁₆ "	2' ³ / ₈ "	1' ³ / ₈ "
4	2'8"	1'4"	2'8 ¹ / ₄ "	1'4 ¹ / ₄ "	2'8 ¹ / ₂ "	1'4 ¹ / ₂ "
5	3'4"	1'8"	3'4 ⁵ / ₁₆ "	1'8 ⁵ / ₁₆ "	3'4 ⁵ / ₈ "	1'8 ⁵ / ₈ "
6	4'0"	2'0"	4' ³ / ₈ "	2' ³ / ₈ "	4' ³ / ₄ "	2' ³ / ₄ "
7	4'8"	2'4"	4'8 ⁷ / ₁₆ "	2'4 ⁷ / ₁₆ "	4'8 ⁷ / ₈ "	2'4 ⁷ / ₈ "
8	5'4"	2'8"	5'4 ¹ / ₂ "	2'8 ¹ / ₂ "	5'5"	2'9"
9	6'0"	3'0"	6' ⁹ / ₁₆ "	3' ⁹ / ₁₆ "	6'1 ¹ / ₈ "	3'1 ¹ / ₈ "
10	6'8"	3'4"	6'8 ⁵ / ₈ "	3'4 ⁵ / ₈ "	6'9 ¹ / ₄ "	3'5 ¹ / ₄ "
15	10'0"	5'0"	10' ¹⁵ / ₁₆ "	5' ¹⁵ / ₁₆ "	10'1 ⁷ / ₈ "	5'1 ⁷ / ₈ "
20	13'4"	6'8"	13'5 ¹ / ₄ "	6'9 ¹ / ₄ "	13'6 ¹ / ₂ "	6'10 ¹ / ₂ "
25	16'8"	8'4"	16'9 ⁹ / ₁₆ "	8'5 ⁹ / ₁₆ "	16'11 ¹ / ₈ "	8'7 ¹ / ₈ "
30	20'0"	10'0"	20'1 ⁷ / ₈ "	10'1 ⁷ / ₈ "	20'3 ³ / ₄ "	10'3 ³ / ₄ "
35	23'4"	11'8"	23'6 ³ / ₁₆ "	11'10 ³ / ₁₆ "	23'8 ³ / ₈ "	12' ³ / ₈ "
40	26'8"	13'4"	26'10 ¹ / ₂ "	13'6 ¹ / ₂ "	27'1"	13'9"
45	30'0"	15'0"	30'2 ¹³ / ₁₆ "	15'2 ¹³ / ₁₆ "	30'5 ⁵ / ₈ "	15'5 ⁵ / ₈ "
50	33'4"	16'8"	33'7 ¹ / ₈ "	16'11 ¹ / ₈ "	33'10 ¹ / ₄ "	17'2 ¹ / ₄ "

* Based on concrete blocks 15⁵/₈ in. long and half units 7⁵/₈ in. long, with ³/₈ in. thick head joints. Actual lengths of finished walls are ³/₈ in. less than the modular dimensions shown in this table.

ESTIMATING GUIDES ▽ The figures shown below are intended for “rule of thumb” use only

UNIT QUANTITIES

Standard Block (8x8x16)

1.13 block per square foot of wall area

Concrete Brick

7.0 concrete brick per square foot of wall area

Half-High Block (4x4x16 or 8x4x16)

2.26 block per square foot of wall area

MORTAR QUANTITIES

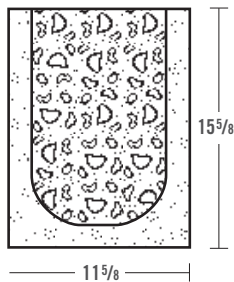
Per 1000 Units	Masonry Cement Bags	Sand Tons
4" and 6" Regular Block	20	2
8", 10", and 12" Regular Block	25	2½
Concrete Brick	8	1¼

APPROXIMATE VOLUME REQUIRED TO FILL CORE VOIDS IN BLOCK

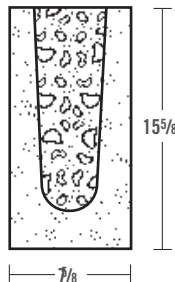
6 x 8 x 16	2 core	0.17 cu.ft./block
6 x 8 x 16	3 core	0.15 cu.ft./block
8 x 8 x 16	2 core	0.25 cu.ft./block
8 x 8 x 16	3 core	0.22 cu.ft./block
10 x 8 x 16	2 core	0.33 cu.ft./block
10 x 8 x 16	3 core	0.29 cu.ft./block
12 x 8 x 16	2 core	0.39 cu.ft./block
12 x 8 x 16	3 core	0.34 cu.ft./block

Example: 5000 - 8" - 2 core H.C. to be filled
 $5000 \times 0.25 = 1250 \text{ cu. ft.} \div 27 \text{ cu. ft. per yard}$
 $= 46.30 \text{ yards}$

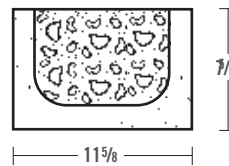
APPROXIMATE QUANTITIES OF CONCRETE REQUIRED TO FILL LINTELS AND BOND BEAMS ▽



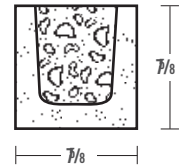
.74 cu.ft. concrete per lin. ft.



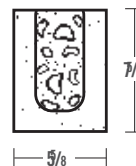
.46 cu.ft. concrete per lin. ft.



.37 cu.ft. concrete per lin. ft.



.22 cu.ft. concrete per lin. ft.



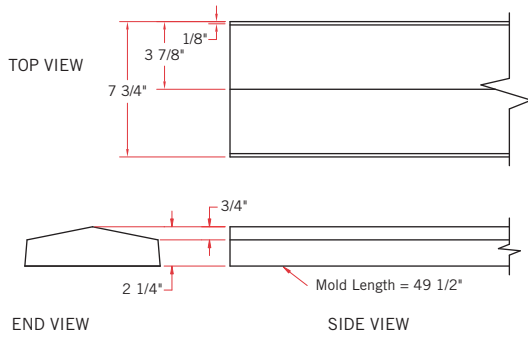
.173 cu.ft. concrete per lin. ft.



.08 cu.ft. concrete per lin. ft.

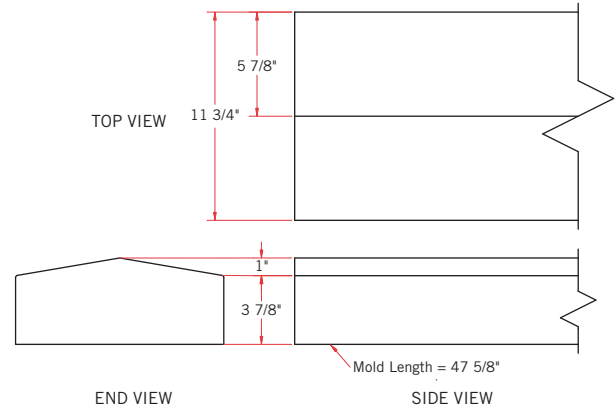
DESIGNSTONE AUTO CAD DRAWINGS ▾

C-1



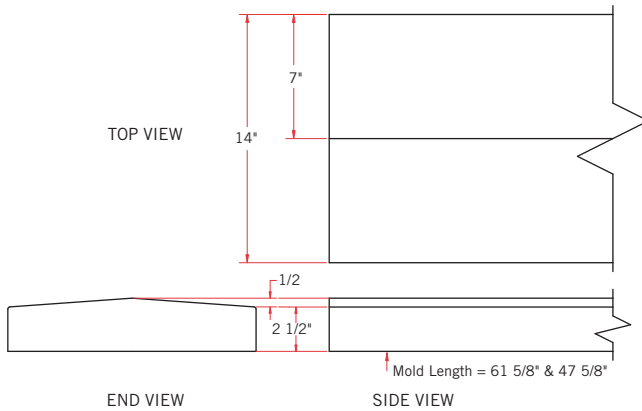
DESCRIPTION: Coping		
DATE:	Sept. 1, 2011	DRAWING NUMBER: C-1
DRAWN BY:	Lew Wood	
SCALE:	3/16"=1"	
NUMBER of MOLDS:	1	

C-3



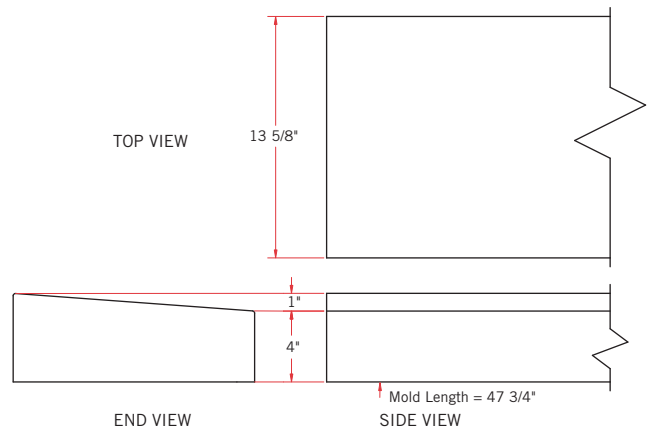
DESCRIPTION: Coping		
DATE:	Sept. 1, 2011	DRAWING NUMBER: C-3
DRAWN BY:	Lew Wood	
SCALE:	3/16"=1"	
NUMBER of MOLDS:	3	

C-12



DESCRIPTION: Coping		2 special corner molds available. 3 molds are 47 5/8" in length 2 molds are 61 5/8" in length
DATE:	Sept. 1, 2011	DRAWING NUMBER: C-12
DRAWN BY:	Lew Wood	
SCALE:	3/16"=1"	
NUMBER of MOLDS:	5	

C-19



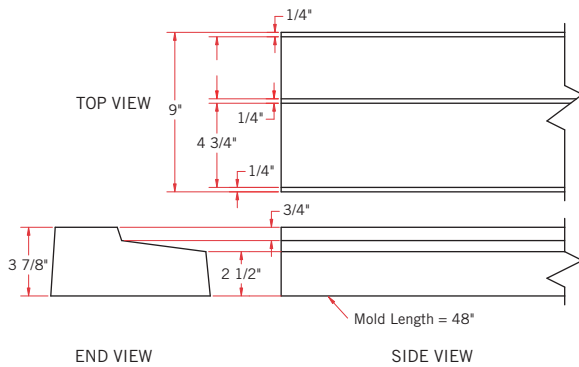
DESCRIPTION: Sill		
DATE:	Sept. 1, 2011	DRAWING NUMBER: C-19
DRAWN BY:	Lew Wood	
SCALE:	3/16"=1"	
NUMBER of MOLDS:	1	

REQUIRED SPECIFICATIONS:

1. Units are available with or without standard drips. Number and location of drip edges must be specified.
2. Unit lengths must be specified for molds that have end gates.
3. Colors other than standard gray are available and must be specified.
4. Finish textures other than standard smooth, dense concrete are available and must be specified.

DESIGNSTONE AUTO CAD DRAWINGS ▾

C-37



DESCRIPTION:

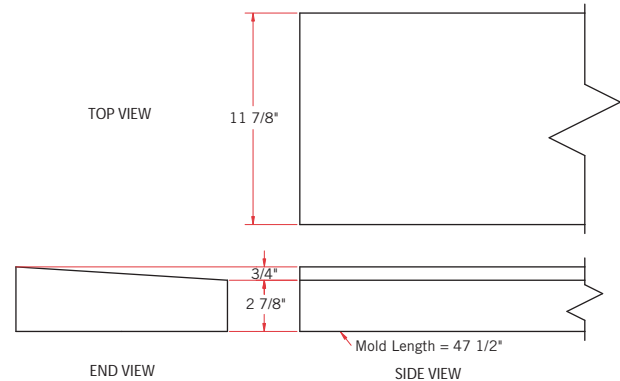
Sill

DATE:	Sept. 1, 2011
DRAWN BY:	Lew Wood
SCALE:	3/16"=1"
NUMBER of MOLDS:	7

DRAWING NUMBER:

C-37

C-44



DESCRIPTION:

Sill

Std. drip available on 1 or both edges.

DATE:	Sept. 1, 2011
DRAWN BY:	Lew Wood
SCALE:	3/16"=1"
NUMBER of MOLDS:	4

DRAWING NUMBER:

C-44

REQUIRED SPECIFICATIONS:

1. Units are available with or without standard drips. Number and location of drip edges must be specified.
2. Unit lengths must be specified for molds that have end gates.
3. Colors other than standard gray are available and must be specified.
4. Finish textures other than standard smooth, dense concrete are available and must be specified.

CLEANING CONCRETE MASONRY ▾ OBERFIELDS LLC. recommended procedure for cleaning concrete masonry surfaces.

NEW CONSTRUCTION

In order to reduce the amount of cleaning required at the completion of a building, walls should be cleaned each day. Mortar droppings should be allowed to harden slightly, then scraped off with a trowel or wood scraper. A small piece of broken block is also effective, followed by brushing with a stiff bristle or stainless steel wire brush (never use a steel wire brush).

Good masonry practices will minimize the amount of final cleaning significantly. Turning scaffolding boards at the end of the day and using sand or straw at the base of the wall will eliminate stains that are very difficult to remove later. Another important step is to cover the top of unfinished walls at the end of each day. This will prevent water from entering the cavities and will help prevent efflorescence. The plastic or tarps should drape at least two feet down each side of the wall.

Final cleaning will be easier if it occurs approximately one week after completion of walls (newly constructed walls must set 4 or 5 days to allow the mortar to harden prior to cleaning).

Never use high pressure cleaning! The use of high pressure power washers will most certainly alter the appearance of a concrete masonry wall and could cause unreparable damage to the building. A pressure washer with a maximum of 200 psi and a wide flare nozzle held 12 to 18 inches from the surface will give excellent results on most projects. Pre-wetting walls is a necessary first step. Work in sections from top down for best results.

CHEMICAL CLEANING

If good masonry practices are followed, chemical cleaning will seldom be necessary. If required, consult project specifications or call OBERFIELDS LLC for product recommendations.

Follow mix solutions and directions of manufacturer. Always pre-wet surfaces prior to application of any cleaning solution.

Oil stains, grease, graffiti or efflorescence removal, refer to N.C.M.A. Tek Notes 8.1, 8.2, 8.3, and 8.4. Copies of these teks are available from OBERFIELDS LLC, www.oberfields.com, or The National Concrete Masonry Association.

CONCRETE LINTELS ▾

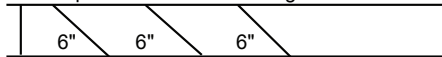
BLOCK TEXTURED LINTELS - NORMAL WEIGHT

Lintel Length	Clear Span	Nominal 4x8				Nominal 6x8				Nominal 8x8				
		Ultimate Load (lb/ft) L/480	Ultimate Load (lb/ft) L/600	Rebar	Weight (lbs)	Ultimate Load (lb/ft) L/480	Ultimate Load (lb/ft) L/600	Rebar	Weight (lbs)	Ultimate Load (lb/ft) L/480	Ultimate Load (lb/ft) L/600	Rebar	Weight (lbs)	
24" (2'-0")	8"	13913	13913	1-#3 B	48									
28" (2'-4")	12"	8894	8894		56									
32" (2'-8")	16"	4078	4078		64									
36" (3'-0")	1'-8"	2955	2955	1-#3 T 1-#3 B	72	4585	4585	1-#3 T 2-#3 B	112					
40" (3'-4")	2'-0"	2314	2314		80	3591	3591		124	4868	4868	2-#3 T 2-#3 B	168	
48" (4'-0")	2'-8"	1610	1610		96	2498	2498		149	3387	3387		202	
56" (4'-8")	3'-4"	1231	1231		112	1911	1911		174	2590	2590		236	
64" (5'-4")	4'-0"	995	995		128	1544	1544		199	2093	2093		269	
72" (6'-0")	4'-8"	833	833		144	1293	1293		223	1688	1688		303	
80" (6'-8")	5'-4"	660	660		160	1110	1110		248	1321	1321		336	
88" (7'-4")	6'-0"	619	619		1-#3 T	176	960		960	1-#3 T	273		1302	1277
96" (8'-0")	6'-8"	550	463	1-#4 B	192	853	853	2-#4 B	298	1156	944		2-#4 B	404
112" (9'-4")	8'-0"	442	361	1-#3 T 1-#5 B	224	686	670	1-#3 T 2-#5 B	347	929	731	2-#3 T	471	
120" (10'-0")	8'-0"	406	319		240	656	594		372	823	647	2-#5 B	505	
128" (10'-8")	8'-8"	322	252		256	599	471		397					
136" (11'-4")	9'-4"	325	254	1-#3 T	272									
144" (12'-0")	10'-0"	264	206	1-#6 B	288									

DENSE TEXTURED LINTELS

Lintel Length	Clear Span	Nominal 4x8			
		Ultimate Load (lb/ft) L/480	Ultimate Load (lb/ft) L/600	Rebar	Weight (lbs)
136" (11'-4")	9'-4"	319	249	1-#4 T 1-#6 B	272
144" (12'-0")	10'-0"	259	202	TRUSSED	288
160" (13'-4")	11'-4"	215	166	1-#4 T 1-#7 B	320
168" (14'-0")	12'-0"	179	138	TRUSSED	336

All dense concrete lintels have #3 inclined stirrups at 6" c/c welded to top and bottom reinforcing.

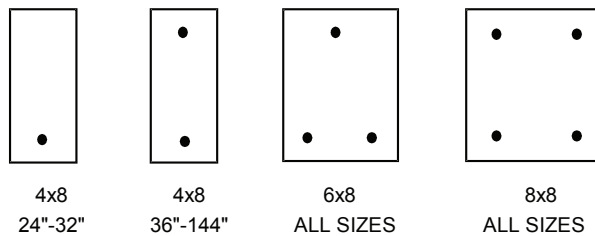


GENERAL NOTES:

*Additional sizes in dense textured concrete lintels available on SPECIAL ORDER and require a customer supplied engineered drawing before we can quote.

4x8 Block Texture Lintels - scored one side
6x8 and 8x8 Block Texture Lintels - scored two sides
Pallet Quantity for 4x8 Lintels: In layers of 10
-- 40 for units up to 48" length
-- 20 for units over 48" length
Pallet Quantity for 6x8 and 8x8 Lintels: In layers of 5,
-- 20 for units up to 48" length
-- 10 for units over 48" length

STEEL REBAR LOCATIONS FOR BLOCK TEXTURED LINTELS



STRUCTURAL DESIGN NOTES: Based on ACI 318-11

- Loading shown is superimposed load capacity of lintel.
- Concrete compressive strength:
 - For Block Textured Lintels - $f'_c = 2500$ psi
 - For Dense Textured Lintels - $f'_c = 5000$ psi
- Reinforcing yield strength - $f_y = 60,000$ psi
- Clear Cover = 3/4" (Top & Bottom)
- Minimum bearing length:
 - 8" for lintels less than 10 ft
 - 12" for lintels 10 ft and longer
- Lintel deflection limits:
 - L/480 when supporting reinforced masonry
 - L/600 when supporting unreinforced masonry
- LRFD Load Combinations: D = Dead Load, L = Live Load
 - 1.4D, 1.2D + 1.6L (Refer to ACI Chapter 9 for additional load cases)

WATER CONTROL TECHNOLOGY (WCT) ▾

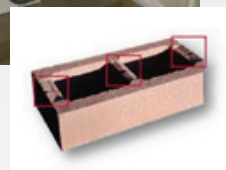
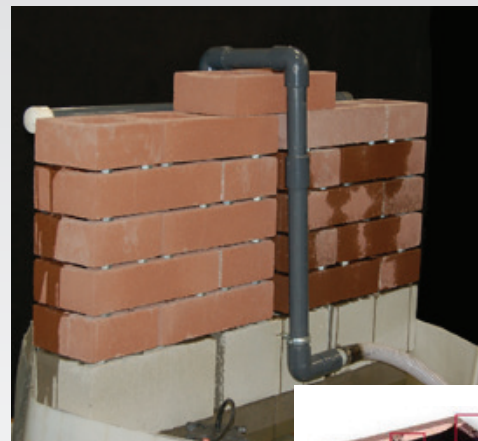
Why try to improve on one of the most trusted construction materials available? Water Control Technology (WCT) is based on preserving the superior performance characteristics of concrete masonry units while adding features that improve the ability of masonry wall assemblies to resist moisture penetration. Subtle changes were made to the top surface of each WCT units web to discourage water from crossing to the interior face shell. Corners and ends can use the WCT drainage zones without compromising aesthetics or performance. This innovation is fully compliant with ASTM C 90 and is a standard feature on all architectural masonry units produced by OBERFIELDS.

- WCT units feature integral drainage zones that direct moisture to the wall's drainage system.
- No special installation techniques required—cost effectiveness is assured.
- WCT units are suitable for corners and ends for a complete system.
- All units have integral water repellent in their mix design.
- WCT units meet or exceed ASTM C 90.
- Perfect for both single or multi-wythe walls.
- Offered in a wide variety of shapes and sizes.

TESTING

WCT units were spray bar tested with no mortar (just gaps) alongside a traditional block design with a water flow rate equivalent to 180" of rain per hour for a half hour and then at a rate of 30" of rain for an additional 24 hours.

RESULT: the traditional block began to show moisture penetration to the interior surface after 11 seconds. The WCT block completed the 24 hour test without any evident moisture penetration to the interior surface of the wall.



A Masonry Design Service of OBERFIELDS LLC

Smooth Face Architectural Concrete Masonry

“Smooth Face Architectural Concrete Masonry” is the designation used when a manufacturer produces a regular concrete block in a colored mix design. The only visual difference between Smooth Face Architectural Concrete Masonry and regular block...is the color.

For architects to achieve their design objective, it is important to understand the limitations of Smooth Face Architectural Concrete Masonry. This purpose of this MDS is to provide insight on the production process and field handling which collectively influence the finish and appearance of these block walls.

At the Block Plant

TEXTURE

Smooth Face Architectural Concrete Block is produced using the same molds and production process as a regular block. The texture and aris of Smooth Face Architectural Block are very similar

to a regular concrete block. Smooth Face Architectural Block produced from white aggregate tend to have even rougher edges and irregular texture due to the physical characteristics of most white aggregates.

COLOR CONSISTENCY

Concrete products use synthetic iron oxides to achieve color. The colored iron oxides are batched into the concrete mix where they are bound into the cement paste. The pigmented cement paste then acts as a binding agent for the aggregates in the concrete product.

When concrete block are produced, this pigmented concrete mix is compacted in the mold under high pressure. This pressure forces the cement paste to the surface of the block. When you look at a Smooth Face Architectural Block, the color you see is predominately the cement paste. The concentration of cement paste that is forced to the surface varies block per block causing the overall color of the Smooth Face Block to change.

This is not true with Split Face, Ground Face or Sandblasted units. Split Face

Block are molded together and split apart after they are removed from the kiln. The concentration of cement paste forms on the opposite side of the finished surface. The cement paste on the surface of Sandblasted and Ground Face Block is either blasted or ground off during the manufacturing process. Both Sandblasted and Ground Face rely on the exposed aggregate matrix of the concrete to achieve their appearance.

To illustrate this point, view the Split, Sandblasted or Ground Face of an Architectural Concrete Masonry wall during construction. Next, look at the opposite side of that very same wall. The surface that removes the cement paste and exposes the aggregate matrix (split, sandblasted or ground) will show only a slight range of color. The surface with the cement paste remaining (smooth face) will show a wide noticeable color range.

Concrete block are cured in large kilns in a block plant. The goal of curing is hydration of the cement and is typically accomplished by elevating the temperature and moisture in the kiln. Temperature and



moisture significantly affect the color of cement paste. Because the temperature and moisture vary within the kiln, the color of the cement paste will vary throughout the block in the kiln. Split Face, Ground Face or Sandblasted, whose finished surface do not rely on the surface cement paste are not affected. Smooth Face Block is significantly affected.

Handling At The Jobsite

CHIPPING

ASTM C-90 Standard Specification for "Load Bearing Concrete Masonry Units" recognizes that all concrete block projects experience chipping of the units from delivery and handling at the jobsite. "Minor cracks incidental to the usual method of manufacturing or minor chipping resulting from customary methods of handling in shipment and delivery are not grounds for rejection." The rough texture of Split Face and Sandblasted Block mask minor chips and allow the mason contractor to fill in a minor chip while the mortar joints are tooled. Small chips and rough edges are

very difficult and often not possible to blend into the Smooth Face Block due to its lack of texture.

SCRATCHING

The concentrated colored cement paste on the surface of a Smooth Face Block will scratch during customary methods of handling and delivery. One block rubbing against another removes the cement paste at the point of impact. This scratch appears as a white chalky line which cannot be removed by washing. Split Face are not as vulnerable to scratching as the aggregates of the exposed concrete matrix mask impact marks. Sandblasted Block are not affected as the entire surface has been etched by sand during the Sandblast process.

Suggested Design Considerations For Using Architectural Smooth Face Block

The wide color range and handling blemishes inherent in Smooth Face Architectural Concrete Block Walls can be minimized by limiting this style of block to small areas of the wall at higher

elevations. An example is single course bands of Architectural Smooth Face Block within a field of Split Face.

Often Architectural Smooth Face Block are used for budget reasons after Split Face, Sandblasted or Ground Face Block have been eliminated due to their higher cost. One option is to use regular concrete block and stain the wall afterward. Deep penetrating masonry stains maintain the natural texture of the block and have excellent durability. These colored stains mask jobsite blemishes and blend in the wide range of color visible in regular concrete block walls.

If you have questions on this Masonry Design Service, or are interested in learning more on deep penetrating masonry stains, please contact our office at 614.252.0955.



We think you'll agree-in concrete masonry, you won't find a more solid performer than OBERFIELDS.

OBERFIELDS LLC is a value-centered business rich in tradition, innovation, and excellence, with a strong commitment to its people, customers, and the communities in which it does business.

OBERFIELDS LLC is Ohio's leading manufacturer, marketer, and technical resource for superior quality machine made and precast concrete products. OBERFIELDS also distributes a wide selection of top quality resale building materials merchandise to complement its innovative core product offering.

OBERFIELDS has over 50 years of experience serving the concrete products industry. Its five manufacturing plants, three direct sales and distribution yards, and network of dealers and distributors throughout six states provide residential and commercial markets with a full range

of concrete products and related materials including: standard concrete masonry; DesignBLOK® split-face architectural masonry; SpecBRİK®, DesignSTONE ornamental precast; lintels; interlocking concrete pavers and patio stones; retaining wall systems; sitedscape products; and a full line of concrete masonry building materials. You won't find a more complete line or more industry expertise in the entire region when it comes to standard or architectural concrete masonry. We have several Certified Construction Document Technologists on staff to provide full support for our products, including solutions to complex design and construction challenges.

OBERFIELDS serves many primary and secondary customers. Retail customers, do-it-yourselfers, contractors, distributors, government organizations, institutions, retail outlets, builders, architects, engineers, and developers all call on OBERFIELDS for service. Through five decades of service, OBERFIELDS has become Ohio's supplier

of choice for contractors, developers and builders by exceeding the demands of design flexibility, aesthetics, structural integrity, durability, fire resistance, sound reduction and thermal qualities.

Our tagline, Solid Performance in Concrete Products®, represents OBERFIELDS belief that high quality concrete products and superior customer service and support leads to a satisfied customer. OBERFIELDS prides itself on its ability to offer customized products and individually tailored solutions to meet your construction needs. OBERFIELDS technically sound sales, marketing, and customer service teams are prepared to answer questions relating to specifications, product applications, and designs or to take an order.

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