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Masonry & Landscape

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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\(\bar{\gamma}\) and Spec-Thermal\(\mathbf{m}\) are produced with consistent specifications and production expertise.

OBERFIELDS LLC IS A PROUD MEMBER OF:

The Builders Exchange of Central Ohio Construction Specification Institute National Concrete Masonry Association Ohio Masonry Association Concrete Products Group



















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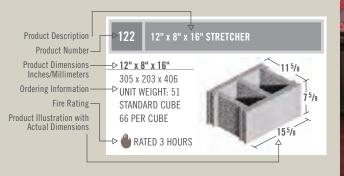
Obtaining Samples

Product Disclaimer

Handling DesignBLOK[™] Architectural Concrete

Masonry Units on the Job

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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.



UNIT WEIGHT

All weights shown represent Oberfields standard normal weight concrete masonry units manufactured from natural aggregates. Most shapes and sizes can be special ordered in lightweight or medium weight. Please contact Oberfields Technical Support Staff for additional information.

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.
- 5. When calculatinging for estimating and dimensioning use width x height x length

oberfields | 😗 🞯 💟 👘

MISCELLANEOUS

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



3" x 8" x 16" SOLID

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





CONCRETE BRICK

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



4"

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



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



13 4" x 8" x 16" SOLID

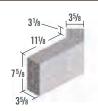
4" x 8" x 16" 102 x 203 x 406 UNIT WEIGHT: 31 ON PALLET OR ON 8s 108 PER CUBE

RATED 1.5 HOURS



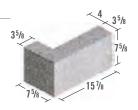
14 4" SOLID 45 DEGREE

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



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



4" x 8" x 8" DOUBLE END

4" x 8" x 16" Double end Breaker

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

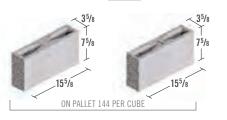
4" x 8" x 12" 102 x 203 x 305 UNIT WEIGHT: 16 ON PALLET 144 PER CUBE



23 4" x 8" x 16" DOUBLE END

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





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

RATED 1 HOUR

4" BULLNOSE

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

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 NON-STOCK



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



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

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

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

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



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



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



6"

6" x 8" x 16" SOLID

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





6" x 6" x 16" DOUBLE END

6" x 6" x 16" DOUBLE END Breaker

6" x 6" x 16" double sash Breaker

6" x 6" x 16" SASH & END

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







6" x 4" x 16" DOUBLE END

6" x 4" x 16" DOUBLE End breaker

6" x 4" x 16" DOUBLE SASH Breaker

6" x 4" x 16" SASH & END

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









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 Non-Stock



43 6" x 8" x 16" DOUBLE END

6" x 8" x 16" DOUBLE END Breaker

45 6" x 8" x 16" SASH & END

6 8" x 8" x 16" double sash Breaker

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

RATED 1 HOUR









18 6" x 8" x 16" U BOND BEAM

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



6" BULLNOSE

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

6" x 8" x 8"

152 x 203 x 203 Unit Weight: 17 On Pallet 216 Per Cube Non-Stock



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



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 Non-Stock



4 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 NON-STOCK



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

 $7^{5/8}$



8" x 4" x 16" Double end

8" x 4" x 16" 203 x 102 x 406 UNIT WEIGHT: 17 15⁵/₈ 61 8" x 4" x 16" SASH & END*

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



64 8" x 6" x 16" DOUBLE END* 8" x 6" x 16" DOUBLE End Breaker* 8" x 6" x 16" Sash & end* 67 8" x 6" x 16" DOUBLE SASH BREAKER*

BLE 6

8" x 6" x 16" Double end*

8" x 6" x 16" 203 x 152 x 406 Unit Weight: 25 Non-Stock



75/8 55/8 155/8

79/8 55/8 155/8 ON PALLET 90 PER CUBE 75/8 55/8 155/8



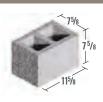
69 8" x 8" x 8" SASH & END

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



70 8" x 8" x 12" DOUBLE END

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



8" 45 DEGREE

8" x 8" x 8" x 11"

203 x 203 x 203 x 279

UNIT WEIGHT: 29

ON PALLET

120 PER CUBE



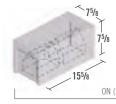


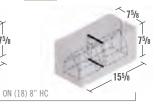
83 8" x 8" x 16" TERMITE

84 8" x 8" x 16" TERMITE SASH & END

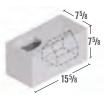
8" x 8" x 16" OPEN CELL TERMITE

8" x 8" x 16" 203 x 203 x 406 UNIT WEIGHT: 43





8" x 8" x 16" 203 x 203 x 406 UNIT WEIGHT: 50 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

8" x 8" x 16" 203 x 203 x 406 Unit Weight: 37 On Pallet 90 Per Cube Non-Stock



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 Non-Stock



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 Non-Stock



B8c 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



9 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



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

8" BULLNOSE

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



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

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

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



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



8" x 8" x 16" 203 x 203 x 406 Unit weight: 38 On Pallet 90 Per Cube Non-Stock



10"

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



04 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



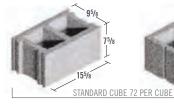
05 10" x 8" x 16" STRETCHER

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

107 | 10" x 8" x 16" WEEP

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





95/₈ 75/₈ 155/₈

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

arated 3 Hours

10" x 8" x 16" 254 x 203 x 406 Unit Weight: 46 Standard cube 72 Per cube Non-Stock



08 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 8" SINGLE BULLNOSE & END

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



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



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 NON-STOCK



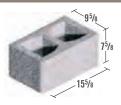
10" x 8" x 8" 254 x 203 x 203 Unit Weight: 25 On Pallet 90 Per Cube Non-Stock



10" BULLNOSE

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 NON-STOCK



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

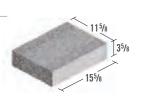
10" x 8" x 16" 254 x 203 x 406 UNIT WEIGHT: 50 ON PALLET 75 PER CUBE NON-STOCK



12"

12" x 4" x 16" SOLID

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



12" x 8" x 16" SOLID

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



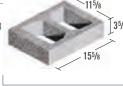
12" x 4" x 16"

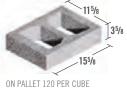
DOUBLE END

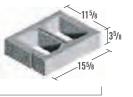
12" x 4" x 16" Sash & end breaker

12" x 4" x 16" RESTRICTED BOND BEAM

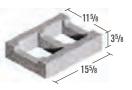
12" x 4" x 16" 305 x 102 x 406 UNIT WEIGHT: 23







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



12" x 8" x 8" SASH & END

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

120 PER CUBE



12" x 8" x 12" DOUBLE END 120

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



12" 45 DEGREE

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



12" x 8" x 16" STRETCHER

12" x 8" x 16" 305 x 203 x 406 UNIT WEIGHT: 51 STANDARD CUBE OR ON PALLET 60 PER CUBE RATED 3 HOURS



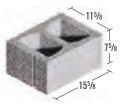
12" x 8" x 16" DOUBLE END

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



12" x 8" x 16" SASH & END

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



126 12" x 8" x 16" WEEP

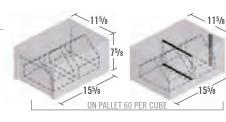
__12" x 8" x 16" 305 x 203 x 406 UNIT WEIGHT: 47 STANDARD CUBE 72 PER CUBE

NON-STOCK



12" x 8" x 16" TERMITE

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



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

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

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 NON-STOCK



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



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 NON-STOCK



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



12" x 8" x 16" GROUT

12" x 8" x 16" 305 x 203 x 406 UNIT WEIGHT: 39 ON PALLET 60 PER CUBE NON-STOCK



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 NON-STOCK

ON PALLET



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

12" x 8" x 16" 305 x 203 x 406 UNIT WEIGHT: 46 ON PALLET 60 PER CUBE NON-STOCK



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



12" x 8" x 16"



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

12" BULLNOSE

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

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

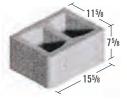


_12" x 8" x 8" 305 x 203 x 203 UNIT WEIGHT: 29 ON PALLET 120 PER CUBE NON-STOCK



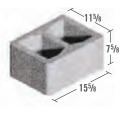
12" x 8" x 16" SINGLE BULLNOSE &

12" x 8" x 16" 305 x 203 x 406 UNIT WEIGHT: 57 ON PALLET 60 PER CUBE

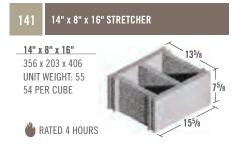


12" x 8" x 16" DOUBLE BULLNOSE &

12" x 8" x 16" 305 x 203 x 406 UNIT WEIGHT: 57 ON PALLET 60 PER CUBE NON-STOCK



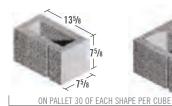
14"

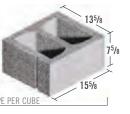


14" x 8" x 8" SASH & END

14" x 8" x 16" SASH & END

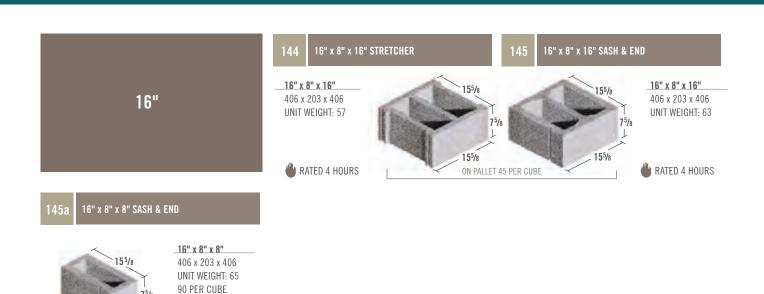
14" x 8" x 8" 356 x 203 x 203 UNIT WEIGHT: 33





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

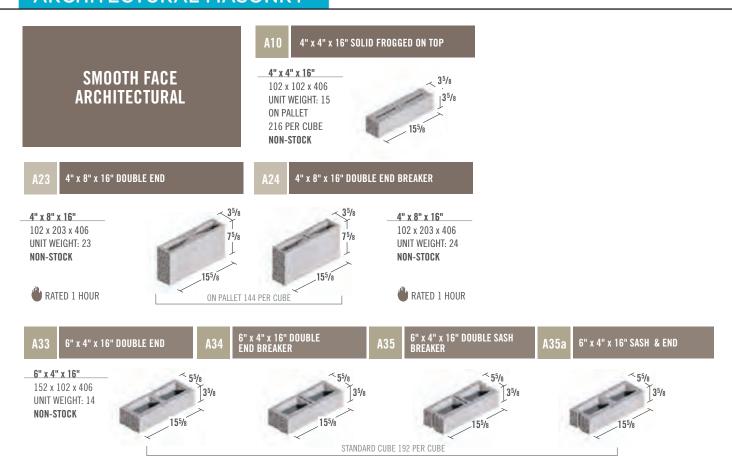
RATED 4 HOURS



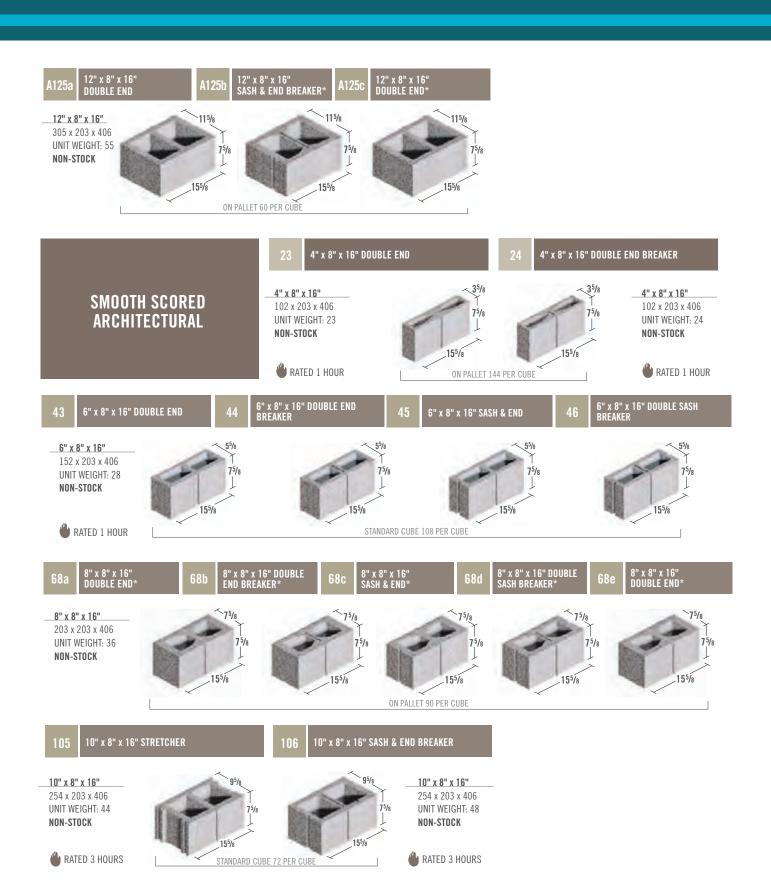
ARCHITECTURAL MASONRY

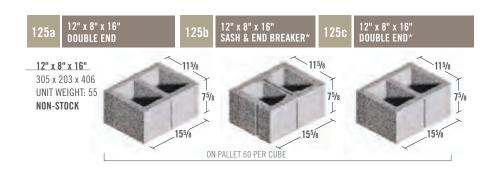
NON-STOCK

RATED 4 HOURS









SPLIT FACE 4"

146 4" x 3" x 8" SOLID SPLIT FACE CONCRETE BRICK

4" x 3" x 8" 102 x 57 x 203 UNIT WEIGHT: 4 ON PALLET 525 PER CUBE NON-STOCK



4" x 3" x 8" SOLID CORNER & END SPLIT FACE CONCRETE BRICK

4" x 3" x 8" 102 x 57 x 203 UNIT WEIGHT: 4 ON PALLET 525 PER CUBE NON-STOCK



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



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





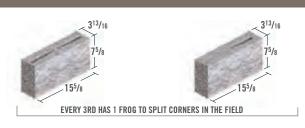
52a 4" x 8" x 16" SOLID L CORNER & END SPLIT FACE

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

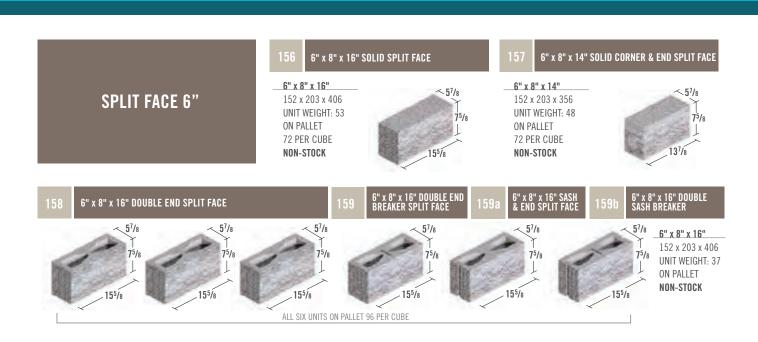


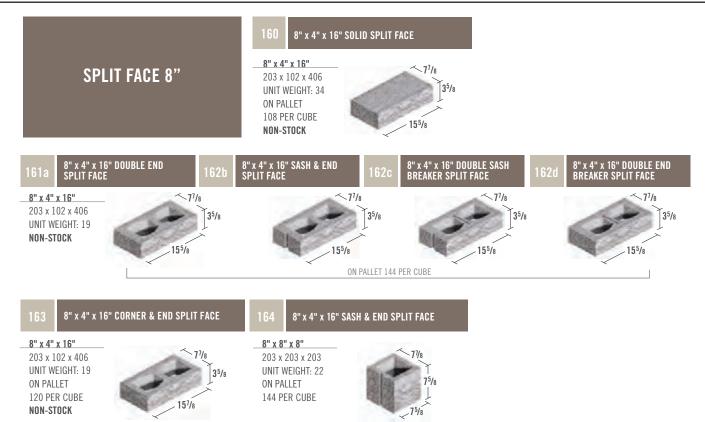
4" x 8" x 16" SOLID SPLIT FACE FROGGED

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



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8" x 8" x 16" DOUBLE END Split face

8" x 8" x 16" SASH & END Split face

8" x 8" x 16" DOUBLE SASH Breaker Split Face

8" x 8" x 16" DOUBLE END Breaker split face

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

8" x 8" x 16"

ON PALLET

90 PER CUBE NON-STOCK

8" x 8" x 16"

ON PALLET

72 PER CUBE

NON-STOCK

203 x 203 x 406 UNIT WEIGHT: 63









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

203 x 203 x 406 UNIT WEIGHT: 45



8" x 8" x 16" RESTRICTED BOND BEAM OPEN **BOTTOM SPLIT FACE**

8" x 8" x 16" 203 x 203 x 406 UNIT WEIGHT: 43 ON PALLET 90 PER CUBE NON-STOCK SAWCUT



8" x 8" x 16" U BOND BEAM SPLIT FACE

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

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



 $8" \times 8" \times 16"$ Termite or bond beam SPLIT FACE

> 8" x 8" x 16" 203 x 203 x 406 UNIT WEIGHT: 54



8" x 8" x 16" TERMITE SPLIT FACE

15⁵/8 ON PALLET 60 PER CUBE

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

8" x 8" x 16" 45 DEGREE HC SPLIT FACE 175a

8" x 8" x 16" 203 x 203 x 406 UNIT WEIGHT: 53 ON PALLET 40 PER CUBE NON-STOCK



8" x 8" x 16" 45 DEGREE HC SINGLE Score split face

8" x 8" x 16" 203 x 203 x 406 UNIT WEIGHT: 53 ON PALLET 40 PER CUBE NON-STOCK

NON-STOCK



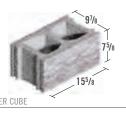
SPLIT FACE 10"

10" x 8" x 16" STRETCHER SPLIT FACE

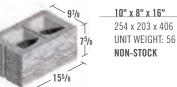
10" x 8" x 16" 254 x 203 x 406 UNIT WEIGHT: 54 NON-STOCK







10" x 8" x 16" SASH & END Breaker Split Face



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



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

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

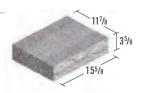


SPLIT FACE 12"

12" x 4" x 16" SOLID SPLIT FACE

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

12" x 4" x 16"



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

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

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

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





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

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



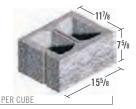
12" x 8" x 16" STRETCHER SPLIT FACE

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

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

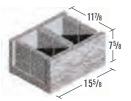
12" x 8" x 16" 305 x 203 x 406 UNIT WEIGHT: 58 NON-STOCK





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

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



12" x 8" x 16" REST. BOND BEAM

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



SCORED SPLIT FACE

 $8"\,x\,4"\,x\,16"$ double end single score split face

8" x 4" x 16" SASH & END BREAKER Single Score Split Face

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



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

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



8" x 8" x 16" DOUBLE END Single Score Split Face

8" x 8" x 16" DOUBLE SASH

8" x 8" x 16" DOUBLE END BREAKER Single Score Split Face

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









8" x 8" x 16" CORNER & END SINGLE Score split face

12" x 4" x 16" DOUBLE END SINGLE Score

12" x 4" x 16" SASH & END BREAKER Single Score Split Face

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



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



12" x 4" x 16" 117/8 305 x 102 x 406 UNIT WEIGHT: 30 NON-STOCK

12" x 8" x 16" STRETCHER SINGLE SCORE

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





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

DEEP 4 FLUTE SPLIT FACE

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



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



8 FLUTE SPLIT FACE

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



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



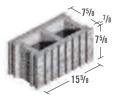
8" x 8" x 16" 45 DEGREE CORNER & END 8 FLUTE SPLIT FACE

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



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



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

12" x 8" x 16" STRETCHER 8 Flute Split Face

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

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



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

SOLID CHAMFERED SILLS

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



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



8" x 8" x 16"

ON PALLET

54 PER CUBE

NON-STOCK

203 x 203 x 406

UNIT WEIGHT: 64

8" x 8" x 16" SOLID CHAMFERED SILL

75/8

55/8

23/4

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



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



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™

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



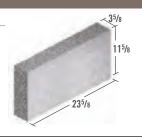
4" x 8" x 24" SOLID

4" x 8" x 24" 102 x 203 x 610 UNIT WEIGHT: 50 ON PALLET 72 PER CUBE NON-STOCK



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



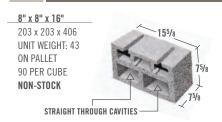
4" x 8" x 24" SOLID SPLIT FACE

4" x 8" x 24" 102 x 203 x 610 UNIT WEIGHT: 53 ON PALLET 72 PER CUBE NON-STOCK

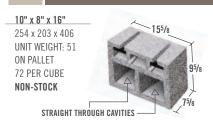


SoundBlox

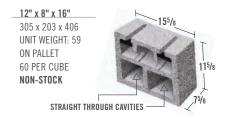
8" x 8" x 16" TYPE RSC/RF (8") SOUNDBLOX



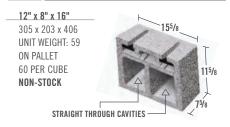
89 10" x 8" x 16" TYPE RSC/RF (10") SOUNDBLOX



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



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



Spec-Brik Hi R®

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



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

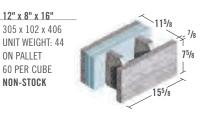


99 12" x 8" x 16" Hi R SMOOTH*

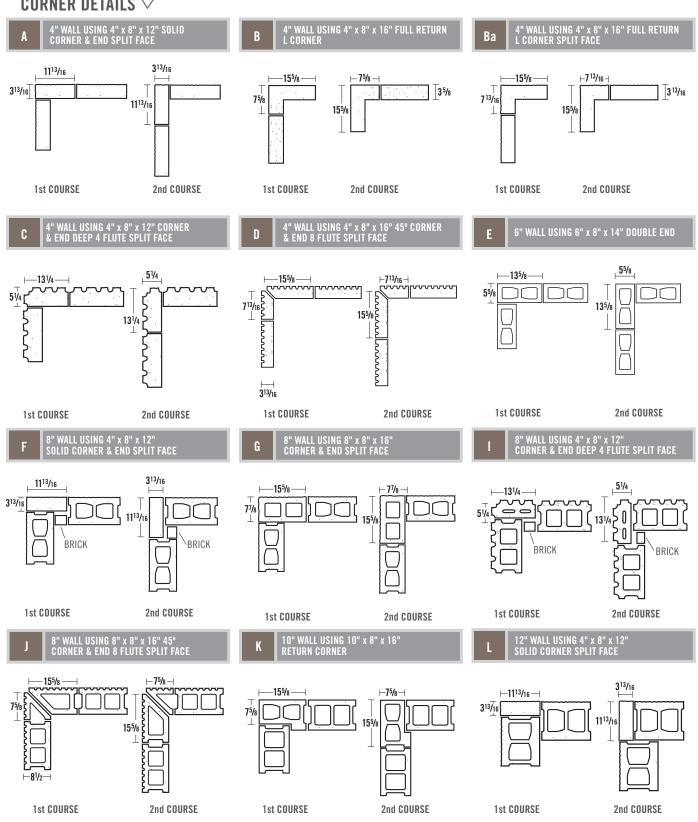




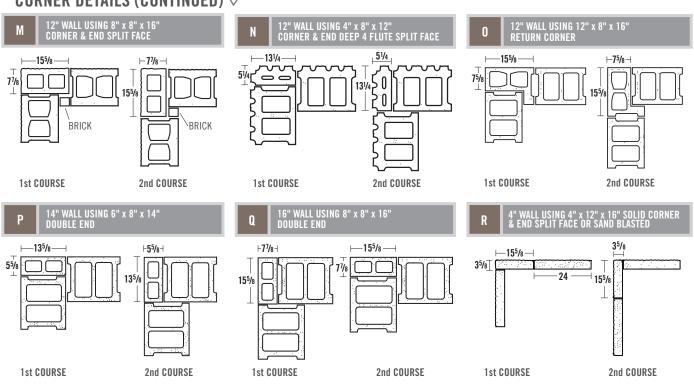
12" x 8" x 16" Hi R SPLIT FACE*



CORNER DETAILS abla



CORNER DETAILS (CONTINUED) ▽

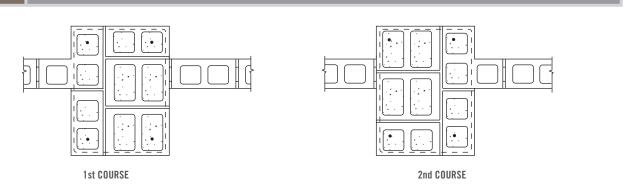


PIER DETAILS ▽





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″ |

^{*} 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.



HEIGHT OF CONCRETE MASONRY WALLS BY COURSES

| | WALL HEIGHT | | | | | |
|-------------------|----------------|----------|--------------------------------------|--------------------------------------|------------------------------------|-----------------------|
| | 3/8" BED JOINT | | 7/16" BED JOINT | | 1/2" BED JOINT | |
| NO. OF COURSES | 8" BLOCK | 4" BLOCK | 8" block | 4" block | 8" block | 4" block |
| 1 | 8" | 4" | 81/16" | 41/16" | 81/8" | 41/8" |
| 2 | 1'4" | 8" | 1'41/8" | 81/8" | 1'41/4" | 81/4" |
| 3 | 2'0" | 1'0" | 2'3/16" | 1'3/16" | 2'3/8" | 1'3/8" |
| 4 | 2'8" | 1'4" | 2'81/4" | 1'41/4" | 2'81/2" | 1'41/2" |
| 5 | 3'4" | 1'8" | 3'45/16" | 1'85/16" | 3'45/8" | 1'85/8" |
| 6 | 4'0" | 2'0" | 4'3/8" | 2'3/8" | 4'3/4" | 213/4" |
| 7 | 4'8" | 2'4" | 4'87/16" | 2'47/16" | 4'8 ⁷ / ₈ " | 2'47/8" |
| 8 | 5'4" | 2'8" | 5'41/2" | 2'81/2" | 5'5" | 2'9" |
| 9 | 6'0″ | 3'0" | 6'9/16" | 3'9/16" | 6'11/8" | 3'11/8" |
| 10 | 6'8″ | 3'4" | 6'85/8" | 3'45/8" | 6'91/4" | 3'51/4" |
| 15 | 10'0" | 5'0" | 10'15/16" | 5' ¹⁵ / ₁₆ " | 10'17/8" | 5'1 ⁷ /8" |
| 20 | 13'4″ | 6'8" | 13'5 ¹ / ₄ " | 6'91/4" | 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" | 8'71/8" |
| 30 | 20'0" | 10'0" | 20'17/8" | 10'17/8" | 20'33/4" | 10'33/4" |
| 35 | 23'4" | 11'8" | 23'63/16" | 11'103/16" | 23'83/8" | 12'3/8" |
| 40 | 26'8″ | 13'4" | 26'10 ¹ / ₂ " | 13'61/2" | 27'1" | 13'9" |
| 45 | 30'0" | 15'0" | 30'2 ¹³ / ₁₆ " | 15'2 ¹³ / ₁₆ " | 30'55/8" | 15'5 ⁵ /8" |
| 50 | 33'4" | 16'8" | 33'71/8" | 16'11 ¹ /8" | 33'101/4" | 17'2 ¹ /4" |

ESTIMATING GUIDES ▼ The figures shown below are intended for "rule of thumb" use only

UNIT QUANTITIES

Concrete Brick

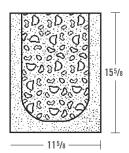
MORTAR QUANTITIES

| Per 1000 Units | Masonry Cement Bags | Sand Tons |
|-----------------------------------|---------------------|-----------|
| 4" and 6" Regular Block | 20 | 2 |
| 8", 10", and 12" Regular Block | 25 | 21/2 |
| Concrete Brick | 8 | 11/4 |
| | | |

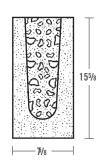
APPROXIMATE VOLUME REQUIRED TO FILL CORE **VOIDS IN BLOCK**

| 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 $5000 \times 0.25 = 1250$ cu. ft. $\div 27$ cu. ft. per yard $= 46.30$ yards | | | |

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



.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.



⊢ 3/8 **⊣**

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

oberfields 6 0 0 0 0

CLEANING CONCRETE MASONRY

Oberfields. **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 unrepairable 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, **oberfields.com**, or The National Concrete Masonry Association.

WATER CONTROL TECHNOLOGY (WCT) ∇

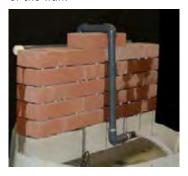
Why try to improve on one of the most trusted construction materials available? Water Control Technology (WCT) is based on preserving the superior performance characteristics of concrete masonry units while adding features that improve the ability of masonry wall assembles to resist moisture penetration. 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.





Understanding The Masonry Process

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. The purpose of this page 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 the masonry process, or are interested in learning more on deep penetrating masonry stains, please contact our office at 614.252.0955.

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