



# Concrete Block Catalog

Providing quality concrete masonry products and customer service since 1947!



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[www.masolite.com](http://www.masolite.com)



Mold growth requires moisture, oxygen and an organic food source such as found in paper and wood building materials. Concrete masonry, however, is not a food source for mold. That's just one of the many advantages of using concrete masonry in construction projects of all types.

Mold Prevention requires proper design and climate control in buildings.

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**Note: There are block configurations available but not shown in this catalog. For further assistance, please call our sales office. You will find our number listed at the top of the page.**

**IMPORTANT – PLEASE READ** We have tried to make this catalog comprehensive and factual. All product descriptions (including depictions, specifications, dimensions, and measurements) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. MASOLITE may make changes at anytime to descriptions, and may change or discontinue any of the items depicted in this catalog, without notice and without incurring any obligation.



Since 1947, Masolite has been manufacturing and distributing quality concrete products. We are a family owned business located in Fort Wayne, Indiana. We are committed to quality products and service, while continuously striving for 100% customer satisfaction.

Masolite is supported by a strong dealer network located throughout Indiana and Northwest Ohio. Our service coverage area includes Central and Northern Indiana, Southern Michigan and Northwest Ohio.

Over the years, through strategic alignment with other quality manufacturers, Masolite has expanded its product offering. Today this product offering includes:

- Standard Concrete Masonry Units
- Architectural Concrete Masonry Units
- Acoustical Concrete Masonry Units
- Masonry Mortar and Accessories
- Segmental Retaining Walls
- Interlocking Concrete Pavers & Accessories

We look forward to assisting you with your concrete product needs. Do not hesitate to contact us with any questions, requirements or quote request.

*Masolite is a proud member of:*



## MASONRY GUARANTEE

**Masolite** guarantees its product for one year from the date of sale. We will replace free of charge, any masonry units found to have defects caused during manufacture or damage incurred by **Masolite** delivery vehicles.

All concrete masonry units manufactured by **Masolite** shall be produced in accordance with the *American Society for Testing and Materials* (ASTM C90) for Load Bearing Concrete Masonry Units and any revisions as thereafter adopted.

The *ASTM* standards for concrete masonry units contain requirements necessary for quality performance. Production conformance requirements include:

- Specified component materials
- Face shell and web thickness
- Finish and appearance criteria
- Moisture content, compressive strength, and water absorption
- Variations from specified standard dimensions

Of the foregoing requirements, the *ASTM* appearance criteria is the most subjective in nature and shall be evaluated as follows:

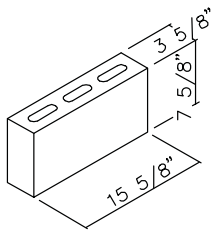
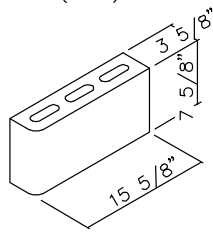
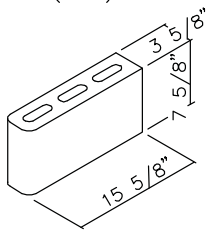
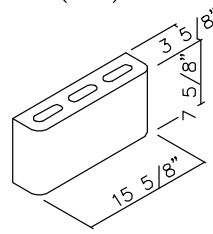
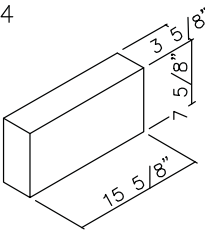
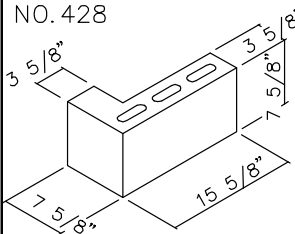
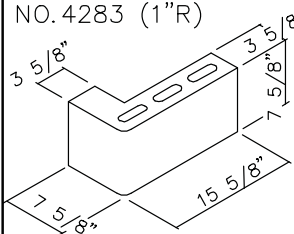
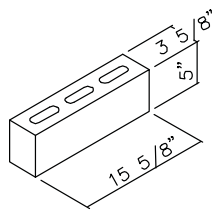
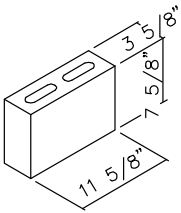
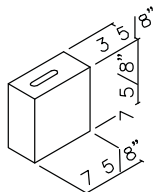
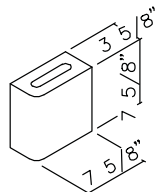
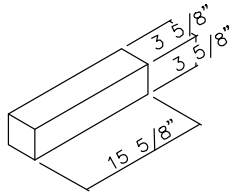
*All units shall be sound and free of any defects that would interfere with the proper placing of the unit or would significantly impair the strength or permanence of the construction. Minor cracks, incidental to the usual methods of manufacturing, or minor chipping of not larger than one inch in any dimension and not greater than 5% of a shipment resulting from customary methods of handling in shipment and delivery shall be deemed acceptable. Viewing of the units for the presence of objectionable imperfections shall be made from a distance of not closer than 20 feet under diffused lighting. Specifications regarding color and texture shall be based upon an approved sample of not less than four units representing a range of color to determine conformance.*

Please note: **Masolite** does **NOT** guarantee the following:

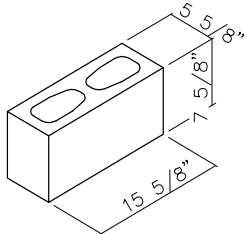
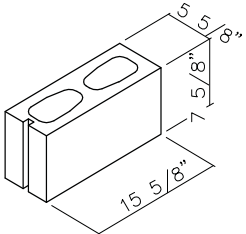
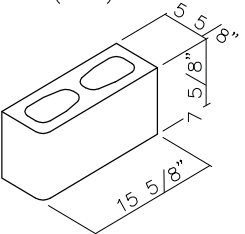
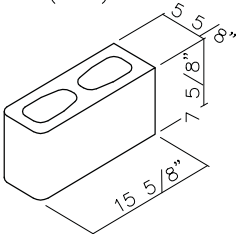
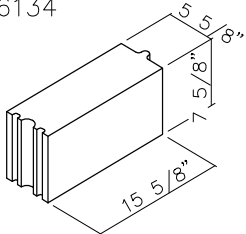
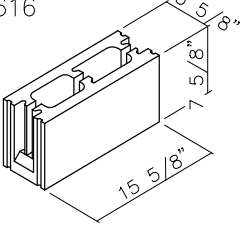
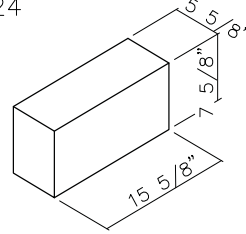
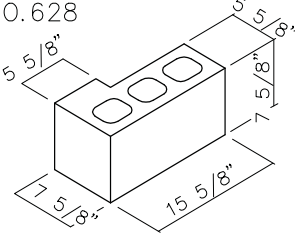
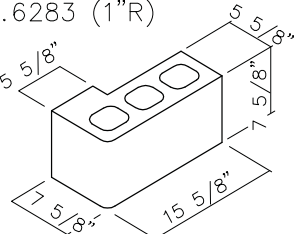
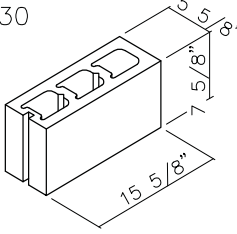
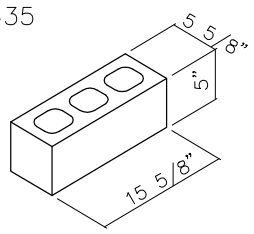
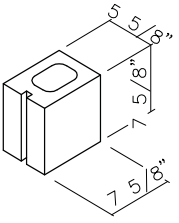
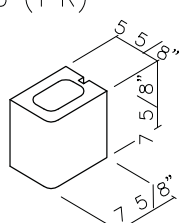
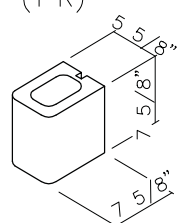
- Defects caused by improper installation
- Masonry units used in exterior walls without production admixture for resistance to moisture penetration
- Any costs (except for unit replacement or credit) associated with the installation of units which contained obvious defects
- Masonry units for any application or use beyond their inherent structural design characteristics
- The cost of any item except the replacement masonry unit
- Replacement of damaged units caused by others or damage caused during delivery by non-**Masolite** vehicles and personnel

**“Usage of the product constitutes acceptance.”**

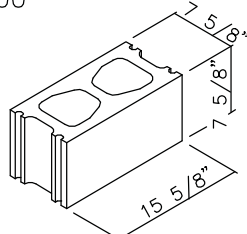
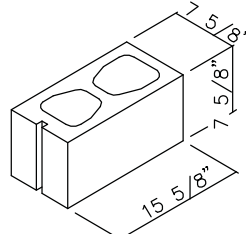
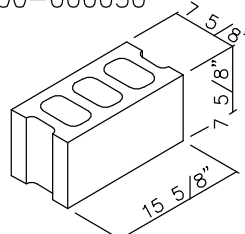
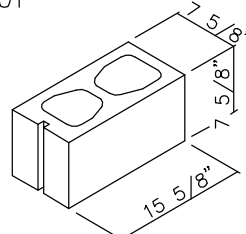
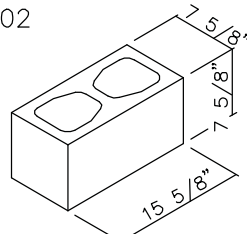
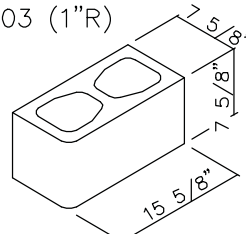
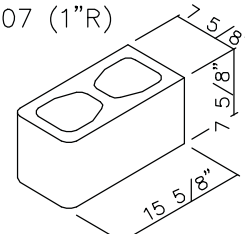
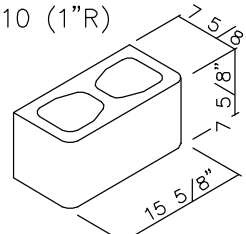
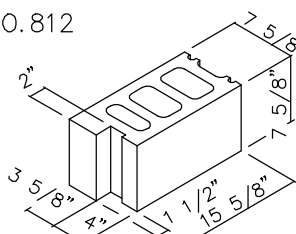
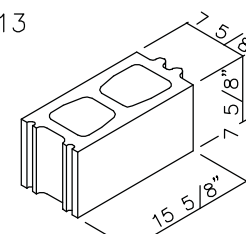
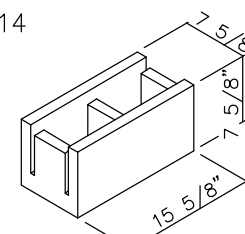
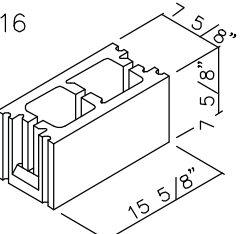
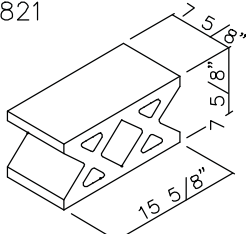
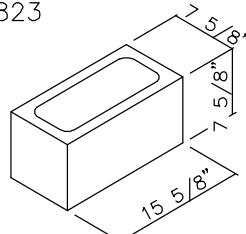
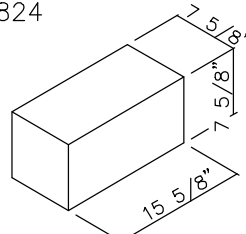
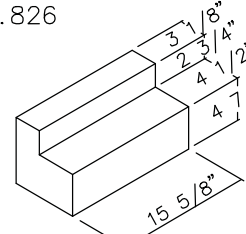
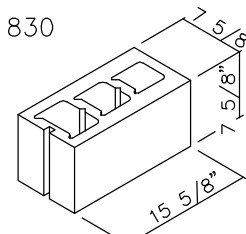
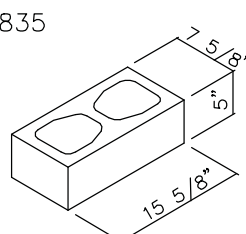
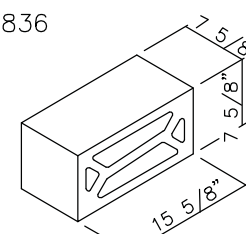
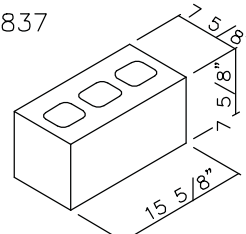
# 4 INCH BLOCK

<p>NO. 402</p>  <p>4 X 8 X 16 PARTITION</p>	<p>NO. 403 (1"R)</p>  <p>4 X 8 X 16 SINGLE BULLNOSE CORNER</p>	<p>NO. 407 (1"R)</p>  <p>4 X 8 X 16 DOUBLE BULLNOSE CORNER</p>	<p>NO. 410 (1"R)</p>  <p>4 X 8 X 16 DOUBLE BULLNOSE PILASTER</p>
<p>NO. 424</p>  <p>4 X 8 X 16 SOLID</p>	<p>NO. 428</p>  <p>4 X 8 X 16 RETURN CORNER</p>	<p>NO. 4283 (1"R)</p>  <p>4 X 8 X 16 BULLNOSE RETURN CORNER</p>	<p>NO. 435</p>  <p>4 X 5 X 16 STARTER CORNER</p>
<p>NO. 439</p>  <p>4 X 8 X 12 THREE QUARTER</p>	<p>NO. 442</p>  <p>4 X 8 X 8 HALF</p>	<p>NO. 443 (1"R)</p>  <p>4 X 8 X 8 SINGLE BULLNOSE HALF</p>	<p>NO. 494</p>  <p>4 X 4 X 16 SOLID</p>

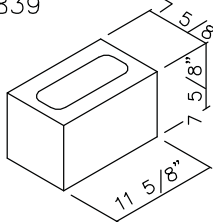
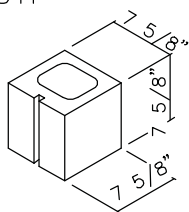
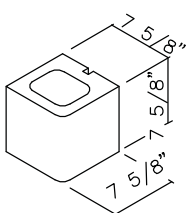
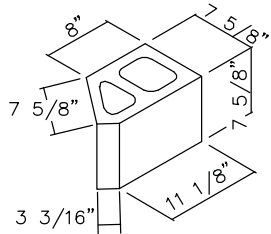
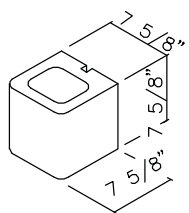
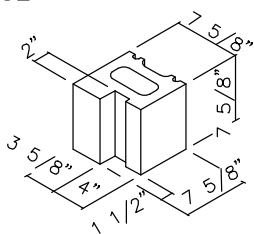
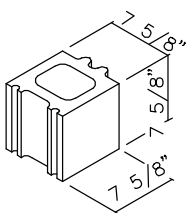
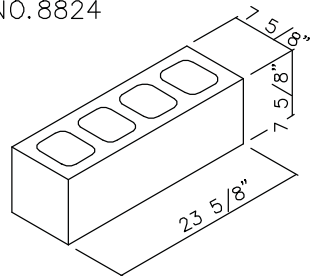
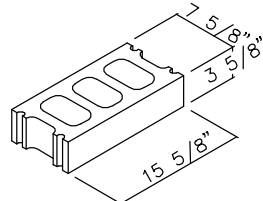
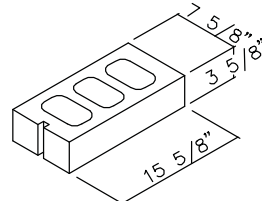
# 6 INCH BLOCK

<p>NO.602</p>  <p>6 X 8 X 16 PARTITION</p>	 <p>6 X 8 X 16 CORNER JAMB</p>	<p>NO.603 (1"R)</p>  <p>6 X 8 X 16 SINGLE BULLNOSE CORNER</p>	<p>NO. 607 (1"R)</p>  <p>6 X 8 X 16 DOUBLE BULLNOSE CORNER</p>
 <p>6 X 8 X 16 SOLID CONTROL JOINT</p>	<p>NO.616</p>  <p>6 X 8 X 16 BOND BEAM – SOLID BOTTOM</p>	<p>NO.624</p>  <p>6 X 8 X 16 SOLID</p>	
<p>NO.628</p>  <p>6 X 8 X 16 RETURN CORNER</p>	<p>NO.6283 (1"R)</p>  <p>6 X 8 X 16 BULLNOSE RETURN CORNER</p>	<p>NO.630</p>  <p>6 X 8 X 16 UTILITY BLOCK/ KNOCKOUT LINTEL</p>	<p>NO.635</p>  <p>6 X 5 X 16 STARTER</p>
<p>NO.641</p>  <p>6 X 8 X 8 CORNER JAMB HALF</p>	<p>NO.643 (1"R)</p>  <p>6 X 8 X 8 SINGLE BULLNOSE HALF</p>	<p>NO.647 (1"R)</p>  <p>6 X 8 X 8 DOUBLE BULLNOSE HALF</p>	

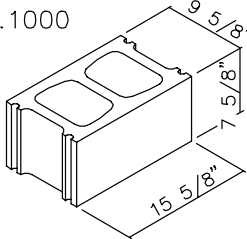
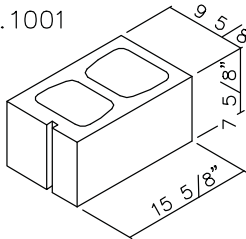
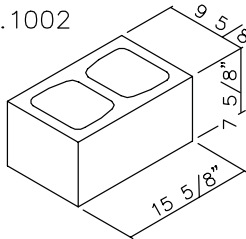
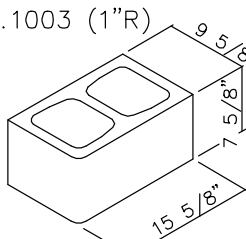
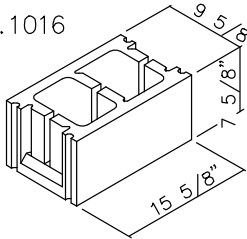
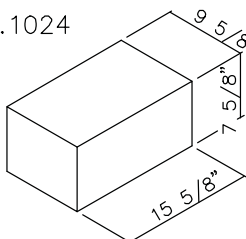
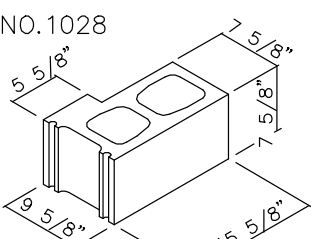
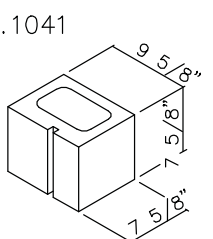
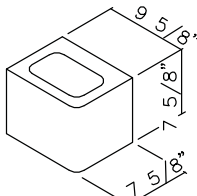
# 8 INCH BLOCK

<p>NO.800</p>  <p>8 X 8 X 16 REGULAR</p>	<p>NO.800-000030</p>  <p>8 X 8 X 16 CORNER JAMB</p>	<p>NO.800-000030</p>  <p>8 X 8 X 16 REGULAR 3-CORE</p>	<p>NO.801</p>  <p>8 X 8 X 16 CORNER JAMB</p>
<p>NO.802</p>  <p>8 X 8 X 16 DOUBLE SQUARE END</p>	<p>NO.803 (1"R)</p>  <p>8 X 8 X 16 SINGLE BULLNOSE CORNER</p>	<p>NO.807 (1"R)</p>  <p>8 X 8 X 16 DOUBLE BULLNOSE CORNER</p>	<p>NO.810 (1"R)</p>  <p>8 X 8 X 16 DOUBLE BULLNOSE PILASTER</p>
<p>NO.812</p>  <p>8 X 8 X 16 WOOD JAMB</p>	<p>NO.813</p>  <p>8 X 8 X 16 CONTROL JOINT</p>	<p>NO.814</p>  <p>8 X 8 X 16 BOND BEAM - OPEN BOTTOM</p>	<p>NO.816</p>  <p>8 X 8 X 16 BOND BEAM - SOLID BOTTOM</p>
<p>NO.821</p>  <p>8 X 8 X 16 DOUBLE "X"</p>	<p>NO.823</p>  <p>8 X 8 X 16 SINGLE CORE</p>	<p>NO.824</p>  <p>8 X 8 X 16 SOLID</p>	<p>NO.826</p>  <p>8 X 8 X 16 SOLID HEADER</p>
<p>NO.830</p>  <p>8 X 8 X 16 UTILITY BLOCK/ KNOCKOUT LINTEL</p>	<p>NO.835</p>  <p>8 X 5 X 16 STARTER</p>	<p>NO.836</p>  <p>8 X 8 X 16 DOUBLE "Y"</p>	<p>NO.837</p>  <p>8 X 8 X 16 REGULAR 70% SOLID - 2" FACE SHELL</p>

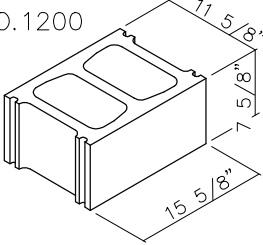
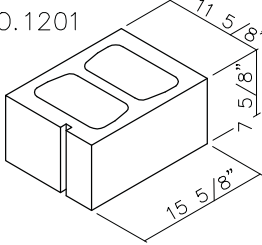
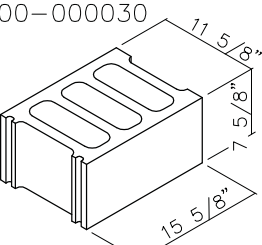
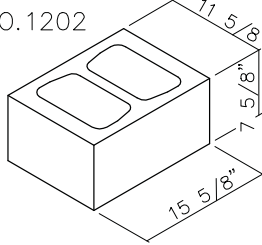
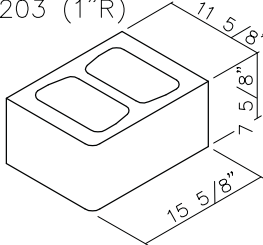
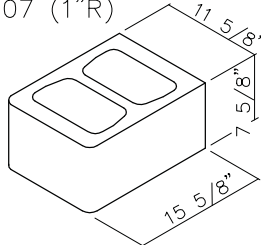
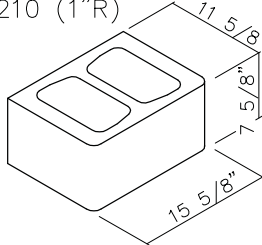
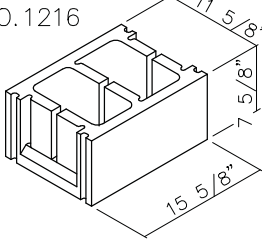
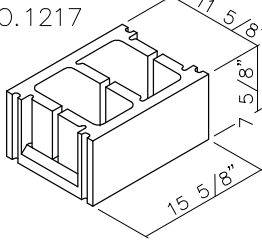
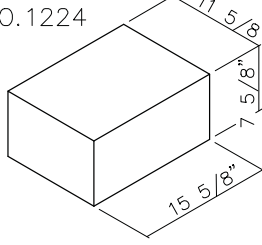
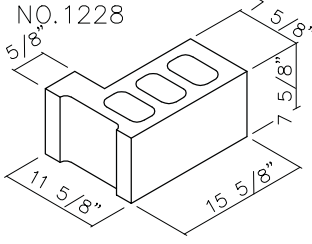
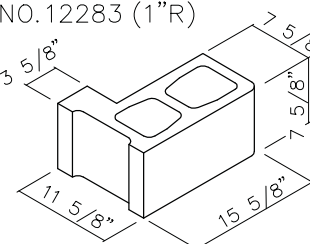
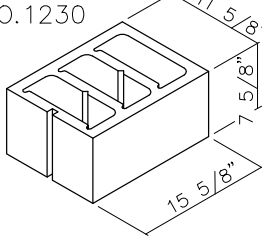
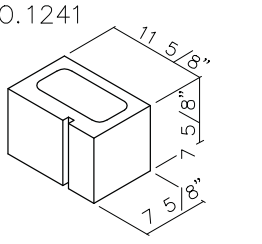
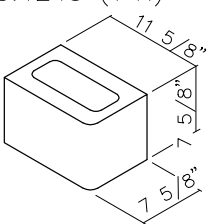
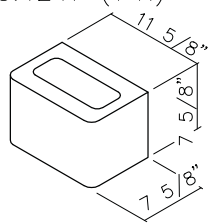
# 8 INCH BLOCK

<p>NO. 839</p>  <p>8 X 8 X 12 THREE QUARTER</p>	<p>NO. 841</p>  <p>8 X 8 X 8 CORNER JAMB HALF</p>	<p>NO. 843 (1"R)</p>  <p>8 X 8 X 8 SINGLE BULLNOSE HALF</p>	<p>NO. 845</p>  <p>8 X 8 X 12 45 DEGREE</p>
<p>NO. 847 (1"R)</p>  <p>8 X 8 X 8 DOUBLE BULLNOSE HALF</p>	<p>NO. 852</p>  <p>8 X 8 X 8 WOOD JAMB HALF</p>	<p>NO. 853</p>  <p>8 X 8 X 8 CONTROL JOINT HALF</p>	<p>NO. 8824</p>  <p>8 X 8 X 24 PARTITION</p>
<p>NO. 890</p>  <p>8 X 4 X 16 HALF HIGH REGULAR</p>	 <p>8 X 4 X 16 HALF HIGH CORNER JAMB</p>		

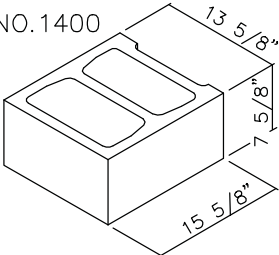
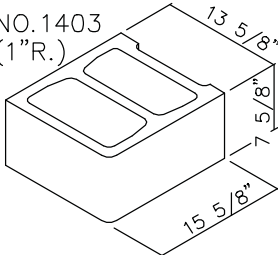
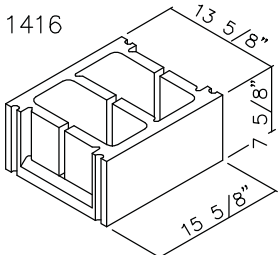
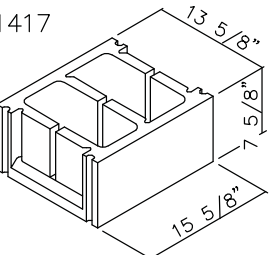
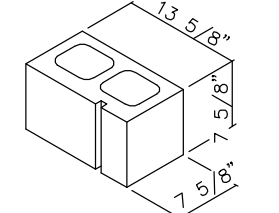
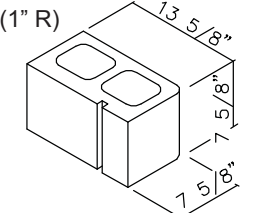
# 10 INCH BLOCK

<p>NO.1000</p>  <p>10 X 8 X 16 REGULAR</p>	<p>NO.1001</p>  <p>10 X 8 X 16 CORNER JAMB</p>	<p>NO.1002</p>  <p>10 X 8 X 16 DOUBLE SQUARE END</p>	<p>NO.1003 (1"R)</p>  <p>10 X 8 X 16 SINGLE BULLNOSE CORNER</p>
<p>NO.1016</p>  <p>10 X 8 X 16 BOND BEAM - SOLID BOTTOM</p>	<p>NO.1024</p>  <p>10 X 8 X 16 SOLID</p>	<p>NO.1028</p>  <p>10 X 8 X 16 RETURN CORNER</p>	<p>NO.1041</p>  <p>10 X 8 X 8 CORNER JAMB HALF</p>
<p>NO.1043 (1"R)</p>  <p>10 X 8 X 8 SINGLE BULLNOSE HALF</p>			

# 12 INCH BLOCK

<p>NO.1200</p>  <p>12 X 8 X 16 REGULAR</p>	<p>NO.1201</p>  <p>12 X 8 X 16 CORNER JAMB</p>	<p>NO.1200-000030</p>  <p>12 X 8 X 16 REGULAR 3-CORE</p>	<p>NO.1202</p>  <p>12 X 8 X 16 DOUBLE SQUARE END</p>
<p>NO.1203 (1"R)</p>  <p>12 X 8 X 16 SINGLE BULLNOSE CORNER</p>	<p>NO.1207 (1"R)</p>  <p>12 X 8 X 16 DOUBLE BULLNOSE CORNER</p>	<p>NO.1210 (1"R)</p>  <p>12 X 8 X 16 DOUBLE BULLNOSE PILASTER</p>	
<p>NO.1216</p>  <p>12 X 8 X 16 BOND BEAM - SOLID BOTTOM</p>	<p>NO.1217</p>  <p>12 X 8 X 16 BOND BEAM - OPEN BOTTOM</p>	<p>NO.1224</p>  <p>12 X 8 X 16 SOLID</p>	
<p>NO.1228</p>  <p>12 X 8 X 16 REGULAR RETURN CORNER</p>	<p>NO.12283 (1"R)</p>  <p>12 X 8 X 16 BULLNOSE RETURN CORNER</p>	<p>NO.1230</p>  <p>12 X 8 X 16 UTILITY BLOCK/ KNOCKOUT LINTEL</p>	<p>NO.1241</p>  <p>12 X 8 X 8 CORNER JAMB HALF</p>
<p>NO.1243 (1"R)</p>  <p>12 X 8 X 8 SINGLE BULLNOSE HALF</p>	<p>NO.1247 (1"R)</p>  <p>12 X 8 X 8 DOUBLE BULLNOSE HALF</p>		

# 14 INCH BLOCK

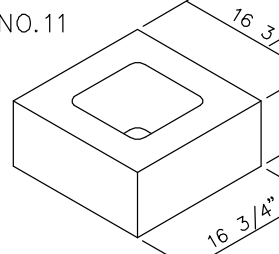
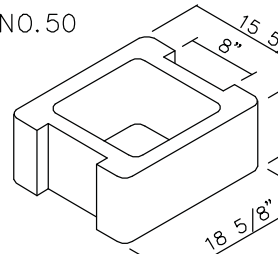
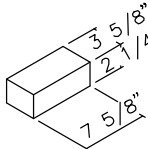
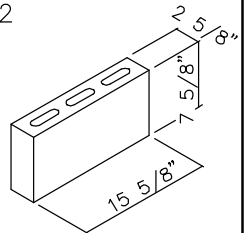
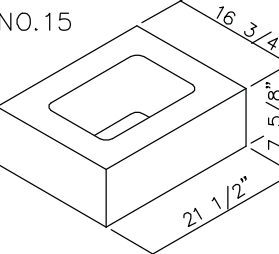
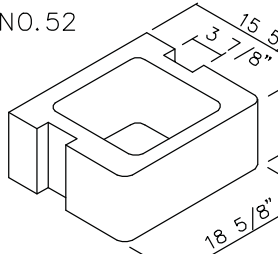
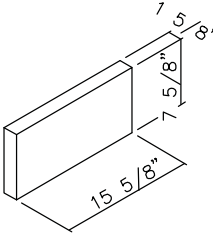
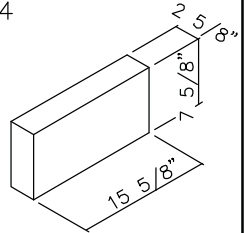
<p>NO.1400</p>  <p>14 X 8 X 16 REGULAR / CORNER</p>	<p>NO.1403 (1"R.)</p>  <p>14 X 8 X 16 SINGLE BULLNOSE CORNER</p>	<p>NO.1416</p>  <p>14 X 8 X 16 BOND BEAM-SOLID BOTTOM</p>	<p>NO.1417</p>  <p>14 X 8 X 16 BOND BEAM-OPEN BOTTOM</p>
<p>NO.1441</p>  <p>14 X 8 X 8 CORNER JAMB HALF</p>	<p>NO.1443 (1" R)</p>  <p>14 X 8 X 8 SINGLE BULLNOSE HALF</p>		

# MISCELLANEOUS BLOCK

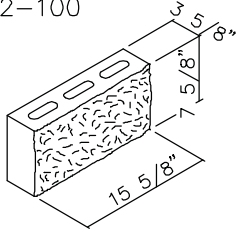
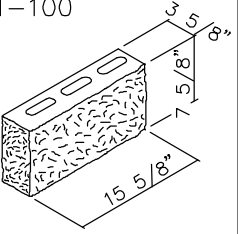
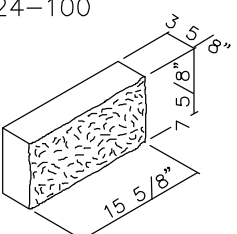
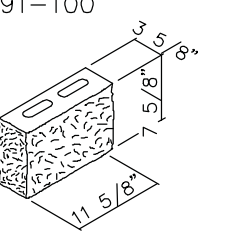
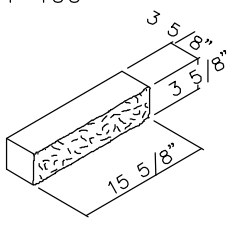
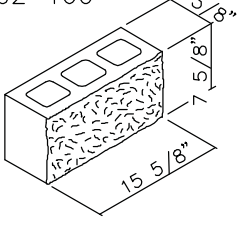
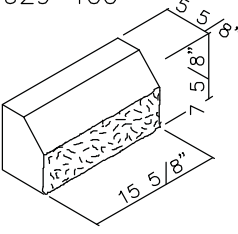
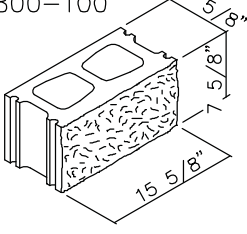
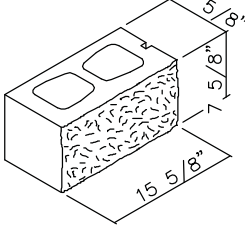
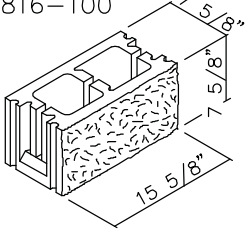
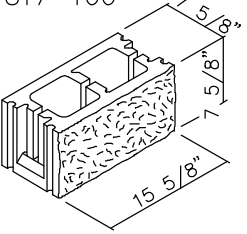
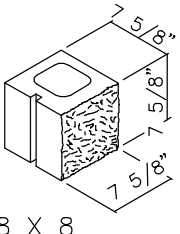
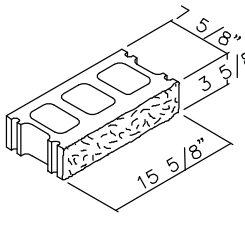
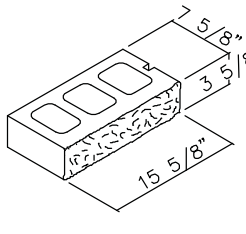
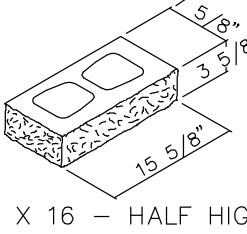
## CHIMNEY BLOCK

## COLUMN BLOCK

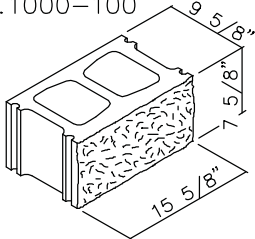
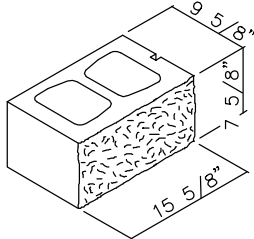
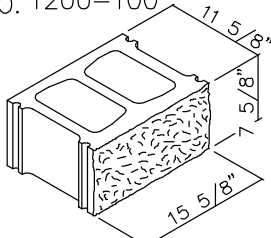
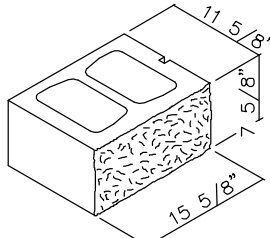
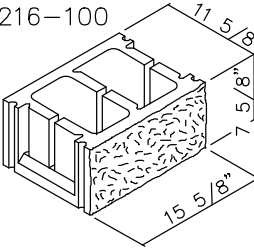
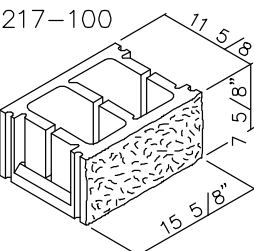
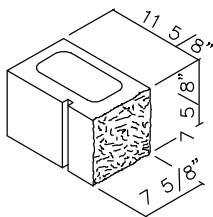
## MISCELLANEOUS BLOCK

<p>NO.11</p>  <p>CHIMNEY BLOCK FOR 8 X 8 LINER</p>	<p>NO.50</p>  <p>16 X 8 X 19 REGULAR COLUMN</p>	<p>NO.100</p>  <p>3 5/8" X 2 1/4" X 7 5/8" STANDARD BRICK</p>	<p>NO.302</p>  <p>3 X 8 X 16 PARTITION</p>
<p>NO.15</p>  <p>CHIMNEY BLOCK FOR 8 X 12 LINER</p>	<p>NO.52</p>  <p>16 X 8 X 19 FLUSH COLUMN</p>	<p>NO.224</p>  <p>2 X 8 X 16 SOLID</p>	<p>NO.324</p>  <p>3 X 8 X 16 SOLID</p>

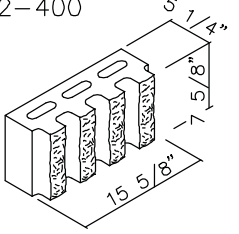
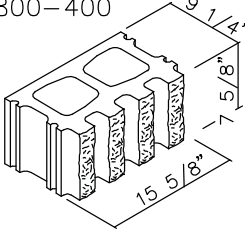
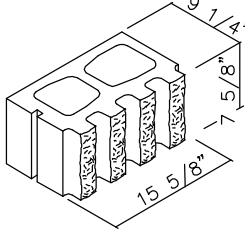
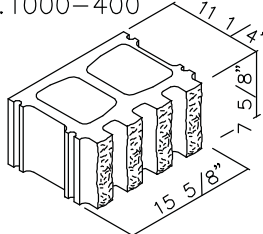
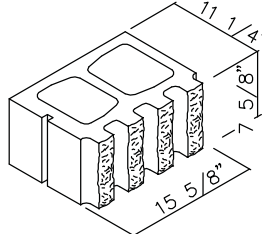
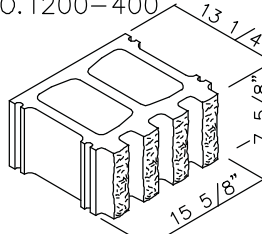
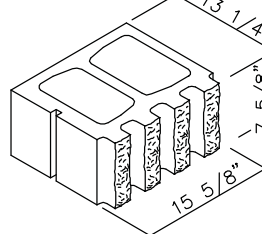
# SPLITFACE BLOCK

<p>NO. 402-100</p>  <p>4 X 8 X 16 SPLITFACE</p>	<p>NO. 401-100</p>  <p>4 X 8 X 16 SPLITFACE SPLITEND CORNER</p>	<p>NO. 424-100</p>  <p>4 X 8 X 16 SPLITFACE SOLID</p>	<p>NO. 4391-100</p>  <p>4 X 8 X 12 SPLITFACE SPLITEND CORNER</p>
<p>NO. 494-100</p>  <p>4 X 4 X 16 SPLITFACE SOLID</p>		<p>NO. 602-100</p>  <p>6 X 8 X 16 SPLITFACE</p>	<p>NO. 629-100</p>  <p>6 X 8 X 16 SPLITFACE SILL WITH 2 X 2 CHAMFER</p>
<p>NO. 800-100</p>  <p>8 X 8 X 16 SPLITFACE</p>	<p>NO. 801-100</p>  <p>8 X 8 X 16 SPLITFACE CORNER JAMB</p>	<p>NO. 816-100</p>  <p>8 X 8 X 16 SPLITFACE BOND BEAM-SOLID BOTTOM</p>	
<p>NO. 817-100</p>  <p>8 X 8 X 16 SPLITFACE BOND BEAM-OPEN BOTTOM</p>	<p>NO. 841-100</p>  <p>8 X 8 X 8 SPLITFACE HALF</p>	<p>NO. 890-100</p>  <p>8 X 4 X 16 HALF HIGH SPLITFACE</p>	<p>NO. 891-100</p>  <p>8 X 4 X 16 HALF HIGH SPLITFACE CORNER JAMB</p>
<p>NO. 891-100</p>  <p>8 X 4 X 16 - HALF HIGH SPLITFACE - SPLITEND CORNER</p>			

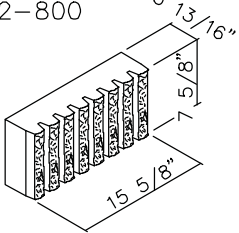
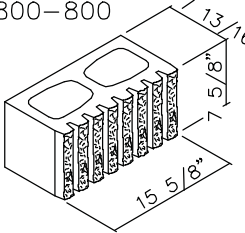
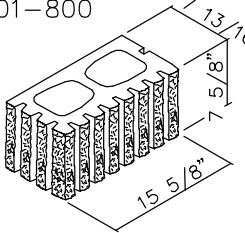
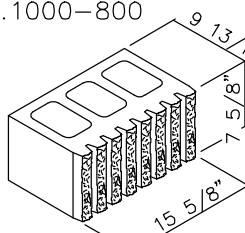
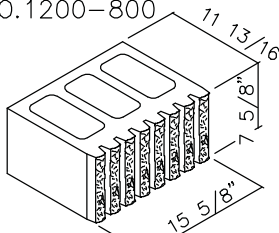
# SPLITFACE BLOCK

<p>NO.1000-100</p>  <p>10 X 8 X 16 SPLITFACE</p>	 <p>10 X 8 X 16 SPLITFACE CORNER JAMB</p>		
<p>NO. 1200-100</p>  <p>12 X 8 X 16 SPLITFACE</p>	 <p>12 X 8 X 16 SPLITFACE CORNER JAMB</p>	<p>NO.1216-100</p>  <p>12 X 8 X 16 SPLITFACE BOND BEAM-SOLID BOTTOM</p>	<p>NO.1217-100</p>  <p>12 X 8 X 16 SPLITFACE BOND BEAM-OPEN BOTTOM</p>
<p>NO.1241-100</p>  <p>12 X 8 X 8 SPLITFACE HALF</p>			

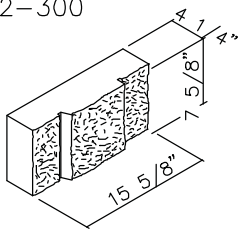
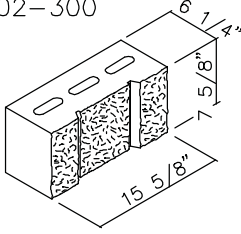
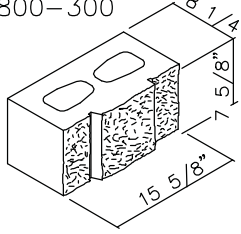
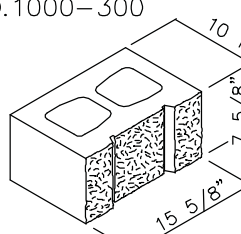
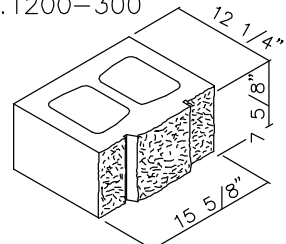
## 4 FLUTE SPLIT BLOCK

<p>NO.402-400</p>  <p>4 X 8 X 16 4 FLUTE SPLIT</p>	<p>NO.800-400</p>  <p>8 X 8 X 16 4 FLUTE SPLIT</p>	<p>NO.800-400</p>  <p>8 X 8 X 16 4 FLUTE SPLIT - CORNER JAMB</p>	
<p>NO.1000-400</p>  <p>10 X 8 X 16 4 FLUTE SPLIT</p>	<p>NO.1000-400</p>  <p>10 X 8 X 16 4 FLUTE SPLIT - CORNER JAMB</p>	<p>NO.1200-400</p>  <p>12 X 8 X 16 4 FLUTE SPLIT</p>	<p>NO.1200-400</p>  <p>12 X 8 X 16 4 FLUTE SPLIT - CORNER JAMB</p>

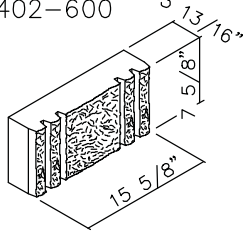
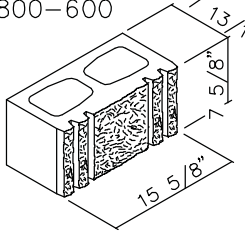
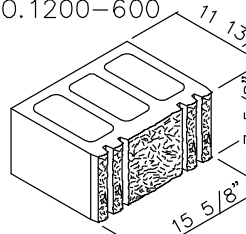
## 8 FLUTE SPLIT BLOCK

<p>NO.402-800</p>  <p>4 X 8 X 16 8 FLUTE SPLIT</p>	<p>NO.800-800</p>  <p>8 X 8 X 16 8 FLUTE SPLIT</p>	<p>NO.801-800</p>  <p>8 X 8 X 16 8 FLUTE SPLIT FLUTED CORNER</p>	<p>NO.1000-800</p>  <p>10 X 8 X 16 8 FLUTE SPLIT</p>
<p>NO.1200-800</p>  <p>12 X 8 X 16 8 FLUTE SPLIT</p>			

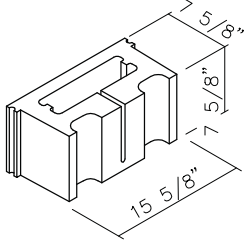
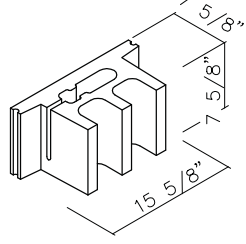
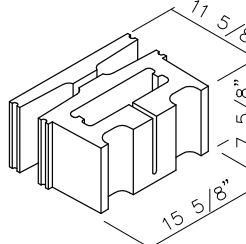
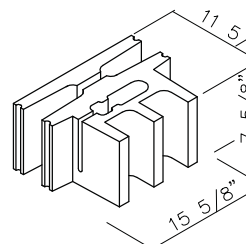
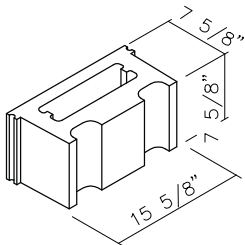
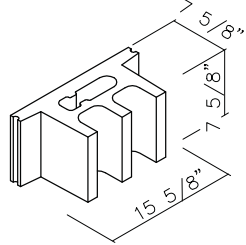
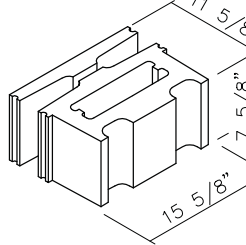
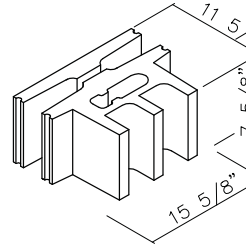
## SHADOWSTONE SPLIT BLOCK

<p>NO. 402-300</p>  <p>4 X 8 X 16 SHADOWSTONE</p>	<p>NO. 602-300</p>  <p>6 X 8 X 16 SHADOWSTONE</p>	<p>NO. 800-300</p>  <p>8 X 8 X 16 SHADOWSTONE</p>	<p>NO. 1000-300</p>  <p>10 X 8 X 16 SHADOWSTONE</p>
<p>NO. 1200-300</p>  <p>12 X 8 X 16 SHADOWSTONE</p>			

## 2 + 2 SPLIT BLOCK

<p>NO. 402-600</p>  <p>4 X 8 X 16 2 + 2</p>	<p>NO. 800-600</p>  <p>8 X 8 X 16 2 + 2</p>	<p>NO. 1200-600</p>  <p>12 X 8 X 16 2 + 2</p>	

# RPG DIFFUSORBLOX®

<p>NO. 800-900500</p>  <p>8 X 8 X 16 A-S</p>	<p>NO. 800-900600</p>  <p>8 X 8 X 16 B-S</p>	<p>NO. 1200-900500</p>  <p>12 X 8 X 16 A-S</p>	<p>NO. 1200-900600</p>  <p>12 X 8 X 16 B-S</p>
<p>NO. 800-900550</p>  <p>8 X 8 X 16 A-NS</p>	<p>NO. 800-900650</p>  <p>8 X 8 X 16 B-NS</p>	<p>NO. 1200-900550</p>  <p>12 X 8 X 16 A-NS</p>	<p>NO. 1200-900650</p>  <p>12 X 8 X 16 B-NS</p>

**Notes:**

\* Diffusorblox® shown upside down for illustration purposes.

\* Masolite is a licensed producer of this product. **Please direct any questions regarding specifications or pricing to:**



**RPG Diffusor Systems, Inc.**

Phone: 301.249.0044 | Fax: 301.249.3912

## BLOCK NUMBERS, DIMENSIONS AND CUBE INFORMATION

Block #	Size	Description	Pieces /Cube	Straps /Cube	Pieces /Strap	Weight /Piece	Weight /Cube	Skid Required
<b>2 Inch Block</b>								
100NW	4 x 2.25 x 8	Standard Brick	800	N/A	N/A	4.4	3520	Yes
224NW	2 x 8 x 16	Solid	183	3	61	14.8	2708	Yes
<b>3 Inch Block</b>								
302NW	3 x 8 x 16	Partition	180	3	60	20	3600	Yes
324NW	3 x 8 x 16	Solid	144	3	48	23.7	3413	Yes
<b>4 Inch Block</b>								
402NW	4 x 8 x 16	Partition	114	3	38	25.3	2884	No
402LW	4 x 8 x 16	<i>Partition Lightweight</i>	138	3	46	20.5	2829	No
403NW	4 x 8 x 16	Single Bullnose Corner 1" Radius	114	3	38	24.4	2782	No
407NW	4 x 8 x 16	Double Bullnose Corner 1" Radius	114	3	38	25.2	2873	No
410NW	4 x 8 x 16	Double Bullnose Pilaster 1" Radius	120	3	40	25	3000	No
424NW	4 x 8 x 16	Solid	114	3	38	32.9	3751	No
428NW	4 x 8 x 16	Return Corner	72	3	24	33.3	2398	No
4283NW	4 x 8 x 16	Single Bullnose Return Corner 1" Radius	72	3	24	33.5	2412	No
435NW	4 x 5 x 16	Starter	180	3	60	15.9	2862	Yes
439NW	4 x 8 x 12	Three Quarter Block	160	N/A	N/A	18.8	3008	Yes
442NW	4 x 8 x 8	Half	192	N/A	N/A	13.2	2534	Yes
443NW	4 x 8 x 8	Single Bullnose Half 1" Radius	192	N/A	N/A	13.2	2534	Yes
494NW	4 x 4 x 16	Solid	192	N/A	N/A	16	3072	Yes
<b>6 Inch Block</b>								
602NW	6 x 8 x 16	Partition	96	3	32	30.1	2890	No
602LW	6 x 8 x 16	<i>Partition Lightweight</i>	96	3	32	23.5	2256	No
603NW	6 x 8 x 16	Single Bullnose Corner 1" Radius	96	3	32	27.9	2678	No
607NW	6 x 8 x 16	Double Bullnose Corner 1" Radius	96	3	32	27.3	2621	No
613-000040NW	6 x 8 x 16	Solid Control Joint	72	N/A	N/A	51.5	3708	Yes
616NW	6 x 8 x 16	Solid Bottom Bond Beam	77	N/A	N/A	36.9	2841	Yes
624NW	6 x 8 x 16	Solid	72	3	24	49.1	3535	No
628NW	6 x 8 x 16	Return Corner	72	3	24	39.1	2815	No
6283NW	6 x 8 x 16	Single Bullnose Return Corner 1" Radius	72	3	24	40.5	2916	Yes
630NW	6 x 8 x 16	Utility Block / Knockout Lintel	84	3	28	27.8	2335	Yes
635NW	6 x 5 x 16	Starter	126	N/A	N/A	19.7	2482	Yes
641NW	6 x 8 x 8	Half Jamb	120	3	40	17.1	2052	Yes
643NW	6 x 8 x 8	Single Bullnose Half 1" Radius	120	3	40	17.1	2052	Yes
647NW	6 x 8 x 8	Double Bullnose Half 1" Radius	120	3	40	17	2040	Yes

**Note:**

NW = Normal Weight      LW = Lightweight

## BLOCK NUMBERS, DIMENSIONS AND CUBE INFORMATION

Block #	Size	Description	Pieces /Cube	Straps /Cube	Pieces /Strap	Weight /Piece	Weight /Cube	Skid Required
<b>8 Inch Block</b>								
800NW	8 x 8 x 16	Regular	72	3	24	38	2736	No
800LW	8 x 8 x 16	<i>Regular Lightweight</i>	72	3	24	30	2160	No
800-000030NW	8 x 8 x 16	Regular 3-Core	72	3	24	38.2	2750	No
801NW	8 x 8 x 16	Corner Jamb	72	3	24	38.3	2758	No
802NW	8 x 8 x 16	Double Square End	72	3	24	39.3	2830	No
803NW	8 x 8 x 16	Single Bullnose Corner 1" Radius	72	3	24	39.6	2851	No
807NW	8 x 8 x 16	Double Bullnose Corner 1" Radius	72	3	24	39.3	2830	No
810NW	8 x 8 x 16	Double Bullnose Pilaster 1" Radius	72	3	24	39.8	2866	No
812NW	8 x 8 x 16	Wood Jamb	60	3	20	40.8	2448	Yes
813NW	8 x 8 x 16	Control Jamb	72	3	24	38.9	2801	Yes
814NW	8 x 8 x 16	Open Bottom Bond Beam	60	3	20	38.5	2310	Yes
816NW	8 x 8 x 16	Solid Bottom Bond Beam	60	3	20	45.4	2724	Yes
823NW	8 x 8 x 16	Single Core	60	3	20	32.9	1974	Yes
824NW	8 x 8 x 16	Solid	48	3	16	68	3264	Yes
824LW	8 x 8 x 16	<i>Solid Lightweight</i>	60	3	20	58.5	3510	Yes
826NW	8 x 8 x 16	Solid Header	60	3	20	56.3	3378	Yes
830NW	8 x 8 x 16	Utility Block / Knockout Lintel	60	3	20	40.6	2436	Yes
835NW	8 x 5 x 16	Starter	102	3	34	25.5	2601	No
837NW	8 x 8 x 16	Regular 70% Solid	60	3	20	46.8	2808	Yes
837LW	8 x 8 x 16	<i>Regular 70% Solid Lightweight</i>	60	3	20	41	2460	Yes
839NW	8 x 8 x 12	Three Quarter Block	88	N/A	N/A	32.5	2860	Yes
841NW	8 x 8 x 8	Half Jamb	120	5	24	22.7	2724	No
843NW	8 x 8 x 8	Single Bullnose Half 1" Radius	120	5	24	21.3	2556	No
845NW	8 x 8 x 12	45 Degree	90	N/A	N/A	28.8	2592	Yes
8867NW	8 x 8 x 16	67 Degree	60	N/A	N/A	46.5	2790	Yes
847NW	8 x 8 x 8	Double Bullnose Half 1" Radius	120	5	24	18.8	2256	Yes
852NW	8 x 8 x 8	Wood Jamb Half	120	5	24	20.9	2508	Yes
853NW	8 x 8 x 8	Control Jamb Half	120	5	24	21.2	2544	Yes
8824NW	8 x 8 x 24	Regular	40	2	20	63.1	2524	Yes
890NW	8 x 4 x 16	Half High	132	3	44	19.7	2600	Yes

**Note:**

**NW = Normal Weight      LW = Lightweight**

## BLOCK NUMBERS, DIMENSIONS AND CUBE INFORMATION

Block #	Size	Description	Pieces /Cube	Straps /Cube	Pieces /Strap	Weight /Piece	Weight /Cube	Skid Required
<b>10 Inch Block</b>								
1000NW	10 x 8 x 16	Regular	60	3	20	46	2760	No
1000LW	10 x 8 x 16	<i>Regular Lightweight</i>	60	3	20	37	2220	No
1001NW	10 x 8 x 16	Corner Jamb	60	3	20	48.6	2916	No
1002NW	10 x 8 x 16	Double Square End	60	3	20	49.7	2982	No
1003NW	10 x 8 x 16	Single Bullnose Corner 1" Radius	60	3	20	50	3000	No
1007NW	10 x 8 x 16	Double Bullnose Corner 1" Radius	60	3	20	46	2760	No
1016NW	10 x 8 x 16	Solid Bottom Bond Beam	50	5	10	55.2	2760	Yes
1024NW	10 x 8 x 16	Solid	50	5	10	95	4750	Yes
1028NW	10 x 8 x 16	Return Corner	48	3	16	48.5	2328	Yes
1041NW	10 x 8 x 8	Half	95	N/A	N/A	25.3	2404	Yes
1043NW	10 x 8 x 8	Single Bullnose Half 1" Radius	95	N/A	N/A	26.3	2499	Yes
<b>12 Inch Block</b>								
1200NW	12 x 8 x 16	Regular	48	3	16	53.3	2558	No
1200LW	12 x 8 x 16	<i>Regular Lightweight</i>	48	3	16	41.5	1992	No
1200-000030NW	12 x 8 x 16	Regular 3-Core	48	3	16	59	2832	No
1201NW	12 x 8 x 16	Corner Jamb	48	3	16	56.7	2722	No
1201LW	12 x 8 x 16	<i>Corner Jamb Lightweight</i>	48	3	16	46	2208	No
1202NW	12 x 8 x 16	Double Square End	48	3	16	57.7	2770	No
1203NW	12 x 8 x 16	Single Bullnose Corner 1" Radius	48	3	16	58.4	2803	No
1207NW	12 x 8 x 16	Double Bullnose Corner 1" Radius	48	3	16	58.4	2803	No
1210NW	12 x 8 x 16	Double Bullnose Pilaster 1" Radius	48	3	16	58.4	2803	No
1216NW	12 x 8 x 16	Solid Bottom Bond Beam	40	4	10	60.7	2428	Yes
1217NW	12 x 8 x 16	Open Bottom Bond Beam	40	4	10	49	1960	Yes
1224NW	12 x 8 x 16	Solid	40	4	10	110.2	4408	Yes
1228NW	12 x 8 x 16	Return Corner	40	4	10	49.3	1972	Yes
12283NW	12 x 8 x 16	Single Bullnose Return Corner 1" Radius	48	4	12	51.5	2472	Yes
1230NW	12 x 8 x 16	Utility Block / Knockout Lintel	40	4	10	52.3	2092	Yes
1241NW	12 x 8 x 8	Half Jamb	88	N/A	N/A	32	2816	No
1241LW	12 x 8 x 8	<i>Half Lightweight</i>	88	N/A	N/A	27.5	2420	No
1243NW	12 x 8 x 8	Single Bullnose Half 1" Radius	88	N/A	N/A	31.3	2754	No
1247NW	12 x 8 x 8	Double Bullnose Half 1" Radius	88	N/A	N/A	31.7	2790	No
1290NW	12 x 4 x 16	Half High	80	4	20	30	2400	Yes

**Note:**

NW = Normal Weight

LW = Lightweight

## BLOCK NUMBERS, DIMENSIONS AND CUBE INFORMATION

Block #	Size	Description	Pieces /Cube	Straps /Cube	Pieces /Strap	Weight /Piece	Weight /Cube	Skid Required
<b>14 Inch Block</b>								
1400NW	14 x 8 x 16	Regular	36	3	12	57.7	2077	No
1400LW	14 x 8 x 16	Regular Lightweight	36	3	12	47	1692	No
1403NW	14 x 8 x 16	Single Bullnose 1" Radius	36	3	12	58	2088	No
1416NW	14 x 8 x 16	Solid Bottom Bond Beam	36	3	12	67	2412	No
1417NW	14 x 8 x 16	Open Bottom Bond Beam	36	3	12	57	2052	No
1441NW	14 x 8 x 8	Half Jamb	60	3	20	33	1980	Yes
1441LW	14 x 8 x 8	Half Lightweight	60	3	20	24	1440	Yes
1443NW	14 x 8 x 8	Single Bullnose Half 1" Radius	60	3	20	29	1740	Yes
<b>Chimney Block</b>								
11LW	17 x 8 x 17	Chimney Block 8x8 Flue Lightweight	30	3	10	93.5	2805	Yes
15LW	17 x 8 x 21	Chimney Block 8x12 Flue Lightweight	20	2	10	106	2120	Yes
<b>Column Block</b>								
50NW	16 x 8 x 19	Regular Column	20	5	4	69	1380	Yes
52NW	16 x 8 x 19	Flush Column	20	5	4	79.4	1588	Yes
<b>Decorative Block</b>								
821NW	8 x 8 x 16	Double "X"	60	3	20	48.2	2892	Yes
836NW	8 x 8 x 16	Double "Y"	60	3	20	44.3	2658	Yes
<b>Splitface Block</b>								
402-100005NW	4 x 8 x 16	4" Splitface	120	3	40	31.6	3792	Yes
401-100005NW	4 x 8 x 16	4" Splitface / Splitend	120	3	40	32.4	3888	Yes
4391-100005NW	4 x 8 x 12	4" Splitface / Splitend	120	3	40	32.4	3888	Yes
602-100005NW	6 x 8 x 16	6" Splitface	72	3	24	33.2	2390	Yes
800-100005NW	8 x 8 x 16	8" Splitface	72	3	24	40.2	2894	No
801-100005NW	8 x 8 x 16	8" Splitface / Splitend	60	N/A	N/A	48.7	2922	Yes
816-100005NW	8 x 8 x 16	8" Splitface Solid Bottom Bond Beam	60	N/A	N/A	45.4	2724	Yes
817-100005NW	8 x 8 x 16	8" Splitface Open Bottom Bond Beam	60	N/A	N/A	40	2400	Yes
841-100005NW	8 x 8 x 8	8" Splitface Half	120	N/A	N/A	23	2760	Yes
890-100005NW	8 x 4 x 16	8" Splitface Half High	132	N/A	N/A	15	1980	Yes
1000-100005NW	10 x 8 x 16	10" Splitface	50	N/A	N/A	45.9	2295	Yes
1200-100005NW	12 x 8 x 16	12" Splitface	40	N/A	N/A	57.3	2292	Yes
1216-100005NW	12 x 8 x 16	12" Splitface Solid Bottom Bond Beam	40	N/A	N/A	61	2440	Yes
1217-100005NW	12 x 8 x 16	12" Splitface Open Bottom Bond Beam	40	N/A	N/A	49	1960	Yes
1241-100005NW	12 x 8 x 8	12" Splitface Half	80	N/A	N/A	34	2720	Yes

**Note:**

NW = Normal Weight

LW = Lightweight

## BLOCK NUMBERS, DIMENSIONS AND CUBE INFORMATION

Block #	Size	Description	Pieces /Cube	Straps /Cube	Pieces /Strap	Weight /Piece	Weight /Cube	Skid Required
<b>Flute Split Block</b>								
402-400005NW	4 x 8 x 16	4" - 4 Flute Split	84	N/A	N/A	32.8	2755	Yes
402-800005NW	4 x 8 x 16	4" - 8 Flute Split	96	N/A	N/A	30.7	2947	Yes
800-400005NW	8 x 8 x 16	8" - 4 Flute Split	50	N/A	N/A	46.5	2325	Yes
800-800005NW	8 x 8 x 16	8" - 8 Flute Split	60	3	20	41.9	2514	Yes
1200-400005NW	12 x 8 x 16	12" - 4 Flute Split	30	N/A	N/A	65.7	1971	Yes
1200-800005NW	12 x 8 x 16	12" - 8 Flute Split	40	N/A	N/A	61	2440	Yes
<b>Shadowstone Block</b>								
402-300005NW	4 x 8 x 16	4" Shadowstone	120	N/A	N/A	32.8	3936	Yes
800-300005NW	8 x 8 x 16	8" Shadowstone	60	N/A	N/A	48	2880	Yes
1200-300005NW	12 x 8 x 16	12" Shadowstone	40	N/A	N/A	70.4	2816	Yes
<b>2 + 2 Split Block</b>								
402-600005NW	4 x 8 x 16	4" 2 + 2 Split	120	N/A	N/A	32.9	3948	Yes
800-600005NW	8 x 8 x 16	8" 2 + 2 Split	72	N/A	N/A	40.2	2895	No
1200-600005NW	12 x 8 x 16	12" 2 + 2 Split	48	N/A	N/A	57.3	2750	Yes
<b>RPG DiffusorBlox®</b>								
800-900500NW	8 x 8 x 16	Diffusorblox® "A" Slotted	30	N/A	N/A	48	1440	Yes
800-900600NW	8 x 8 x 16	Diffusorblox® "B" Slotted	30	N/A	N/A	36	1080	Yes
800-900550NW	8 x 8 x 16	Diffusorblox® "A" Non-Slotted	30	N/A	N/A	48	1440	Yes
800-900650NW	8 x 8 x 16	Diffusorblox® "B" Non-Slotted	30	N/A	N/A	36	1080	Yes
1200-900500NW	12 x 8 x 16	Diffusorblox® "A" Slotted	20	N/A	N/A	67	1340	Yes
1200-900600NW	12 x 8 x 16	Diffusorblox® "B" Slotted	20	N/A	N/A	58	1160	Yes
1200-900550NW	12 x 8 x 16	Diffusorblox® "A" Non-Slotted	20	N/A	N/A	67	1340	Yes
1200-900650NW	12 x 8 x 16	Diffusorblox® "B" Non-Slotted	20	N/A	N/A	58	1160	Yes

## Notes:

ALL Diffusorblox® are sold in pairs, i.e. 1-A & 1-B // 8" cubes = 30-A & 30-B / 12" cubes = 20-A & 20-B

Masolite is a licensed producer of this product. **Please direct any questions regarding specifications or pricing to:**



**RPG Diffusor Systems, Inc.**

Phone: 301.249.0044 | Fax: 301.249.3912

## Note:

NW = Normal Weight

LW = Lightweight

# FIRE RESISTANCE

## Fire Resistance Rating Calculation:

The following illustration shows you how to determine the rating of an 8" hollow wall which is constructed of 53% solid units manufactured with expanded slag aggregate.

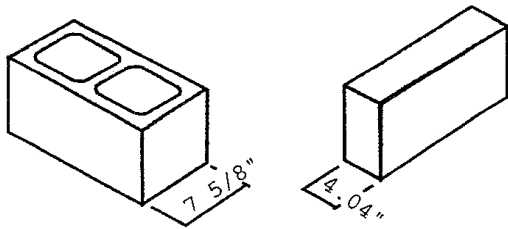
### Equivalent thickness:

Equivalent thickness is the solid thickness that would be obtained if the same amount of concrete contained in a hollow unit were recast without core holes.

$$\text{Equivalent Thickness} = 0.53 \times 7\text{-}5/8" = 4.04"$$

*If this hollow unit is 53% solid.*

*Its equivalent thickness is 4.04 inches*



Percentage solid is determined in accordance with "Standard Methods of Testing Concrete Masonry Units", ASTM C140 and is based on the average net area or net volume of the unit.

### Fire Resistance Rating (example):

Refer to the reprinted tables from the UBC model building code for expanded slag aggregate units. The rating is three (3) hours for walls with an equivalent thickness of at least 4.0".

*Note that 4.04 is greater than 4.0"*

Percentage solid for **Masolite's** standard size concrete blocks:

4x8x16	73%
6x8x16	54%
8x8x16	53%
10x8x16	51%
12x8x16	49%
14x8x16	47%

**Please see page 22 for a complete Fire Rating list.**

## Fire Resistance Rating Period for Various Walls and Partitions:

Construction	Minimum Finished Thickness face-to-face (in inches)			
	4 hr.	3 hr.	2 hr.	1 hr.
Expanded slag or pumice	4.7	4.0	3.2	2.1
Expanded clay, shale or slate	5.1	4.4	3.6	2.6
Limestone, cinders or air cooled slag	5.9	5.0	4.0	2.7
Calcareous or siliceous gravel	6.2	5.3	4.2	2.8
<i>Material: Concrete Masonry Units</i>				

The fire resistance of concrete masonry is well established by hundreds of tests. Research has shown that the fire resistance rating of concrete masonry is typically governed by the average temperature rise criteria on the non-fire side of the wall. Research has also shown that the fire resistance rating is a function of the units and the equivalent solid thickness of the unit. In accordance with this research, fire rating can be calculated based on equivalent thickness and the aggregate properties of the unit. The calculated fire resistance rating of concrete masonry is recognized in model building codes.

Fire resistance rating period for concrete masonry units meeting the equivalent thickness required for a two-hour fire resistive rating and having a thickness of not less than 7-5/8", is four hours when cores which are not grouted are filled with:

- Silicone treated perlite loose-fill insulation
- Vermiculite loose-fill insulation, or expanded clay
- Shale or slated lightweight aggregate
- Sand and slag having a maximum particle size of 3/8"
- Core-Fill 500™ - a thermal and acoustical amino-plast masonry foam insulation.

## FIRE RATINGS OF CONCRETE MASONRY UNITS

The information listed below applies only to products manufactured by Masolite.

Block #	Mix	% Solid	Equivalent Thickness	Fire Rating Hours
324NW	Normal Weight	100%	2.62	<1.00
402NW	Normal Weight	73%	2.64	<1.00
402LW	Lightweight	73%	2.64	1.00
424NW	Normal Weight	100%	3.62	1.00
424LW	Lightweight	100%	3.62	2.00
602NW	Normal Weight	54%	3.04	1.00
602LW	Lightweight	54%	3.04	1.00
624NW	Normal Weight	100%	5.62	3.00
624LW	Lightweight	100%	5.62	4.00
800NW	Normal Weight	53%	4.04	2.00
800LW	Lightweight	53%	4.04	2.00
824NW	Normal Weight	100%	7.62	4.00
824LW	Lightweight	100%	7.62	4.00
837NW	Normal Weight	70%	5.33	3.00
837LW	Lightweight	70%	5.33	4.00
1000NW	Normal Weight	51%	4.90	2.00
1000LW	Lightweight	51%	4.90	3.00
1024NW	Normal Weight	100%	9.62	4.00
1024LW	Lightweight	100%	9.62	4.00
1200NW	Normal Weight	49%	5.69	3.00
1200LW	Lightweight	49%	5.69	4.00
1224NW	Normal Weight	100%	11.62	4.00
1224LW	Lightweight	100%	11.62	4.00
1400NW	Normal Weight	47%	6.40	4.00
1400LW	Lightweight	47%	6.40	4.00

**IMPORTANT – PLEASE READ** We have tried to make this catalog comprehensive and factual. All product descriptions (including depictions, specifications, dimensions, and measurements) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. MASOLITE may make changes at anytime to descriptions, and may change or discontinue any of the items depicted in this catalog, without notice and without incurring any obligation.

## WATER PENETRATION and EFFLORESCENCE

Water penetration problems and efflorescence are more likely to occur in masonry units left unprotected or incorrectly installed. Efflorescence, a deposit of soluble salts (usually white) sometimes appears on masonry surfaces. Efflorescence is most obvious in the winter but may be observed throughout the year following heavy rains and changes in temperature.

A combination of circumstances causes efflorescence. Unless corrected, efflorescence may result in the disintegration of masonry. Soluble salts inherent in cements, mortar and aggregate react with chemicals in the atmosphere. Moisture trapped or present inside a masonry wall will, through evaporation or hydrostatic pressure, move to the outside surface.

### To Help Alleviate the Problem of Water Penetration and Efflorescence:

Concrete masonry units should be manufactured with an integral water-repellent and have a water-repellent coating post applied in the field.

*In exterior and moisture control applications, **Masolite** will guarantee its products only when units are manufactured with an integral water-repellent and the following recommended techniques are applied:*

- Installation of flashing
- Use of vapor barriers
- Weep holes in exterior wythes
- Tightly sealed concave or vee mortar joints
- Caulking of doors and windows to masonry
- Wide overhangs if architecturally feasible
- Properly installed coping
- Integral water-repellent masonry
- Post applied water-repellent coatings
- Covering unfinished wall

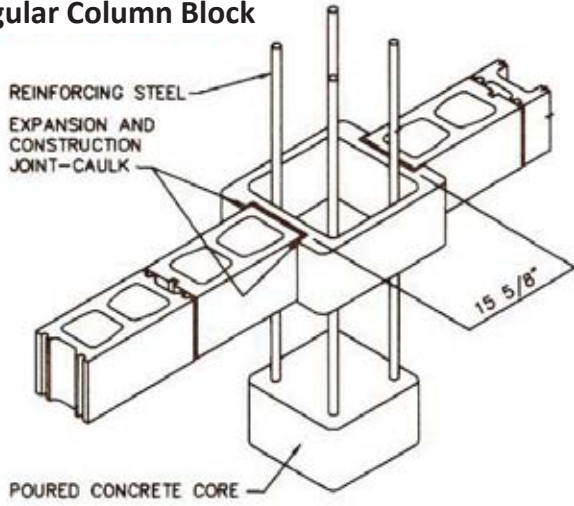
### How to Remove Efflorescence:

The removal of most types of efflorescence is relatively easy, as most efflorescing salts are water soluble and many will disappear with normal weathering. Before removing efflorescence, determine the source of the problem and take steps to correct it. Doing so will help prevent water penetration and further efflorescence. In general, most efflorescence can be removed by dry-brushing followed by flushing with clean water. If this is not satisfactory, wash the surface with a diluted solution of approved acid (5 to 10 percent).

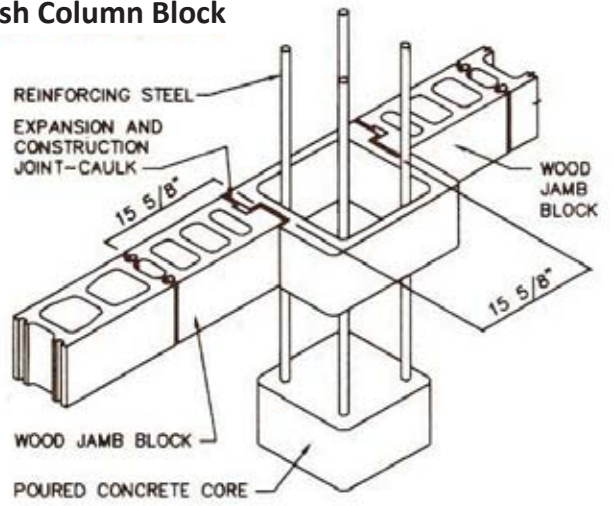
For Architectural or integrally colored masonry, please contact your Masolite representative.

# CONSTRUCTION DETAILS

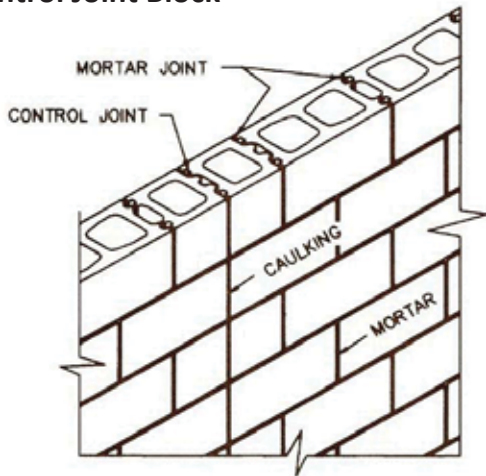
### Regular Column Block



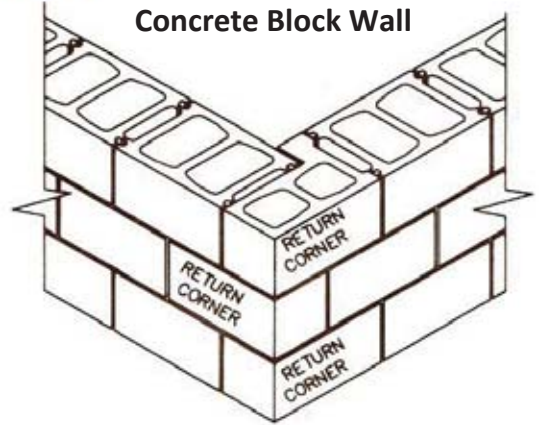
### Flush Column Block



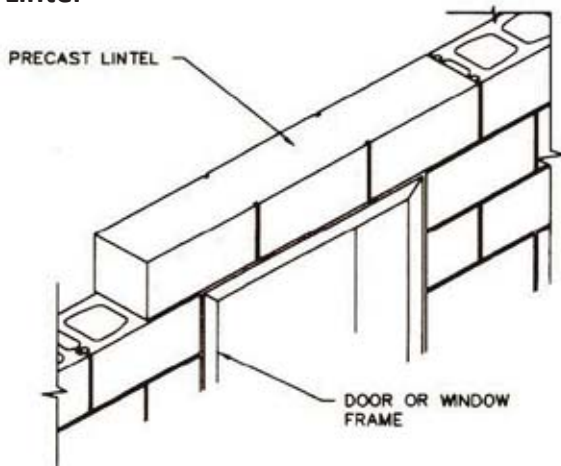
### Control Joint Block



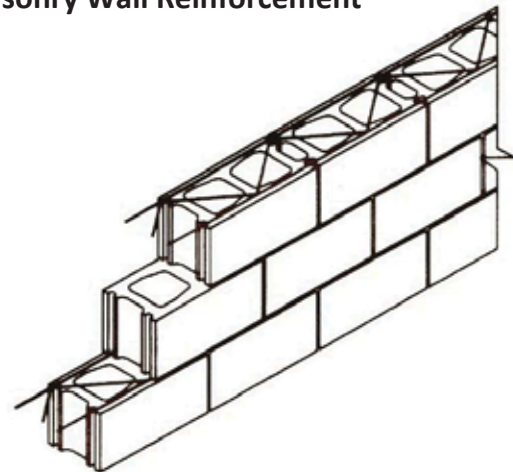
### Corner in a 4", 6", 10" and 12" Wall Concrete Block Wall



### Lintel

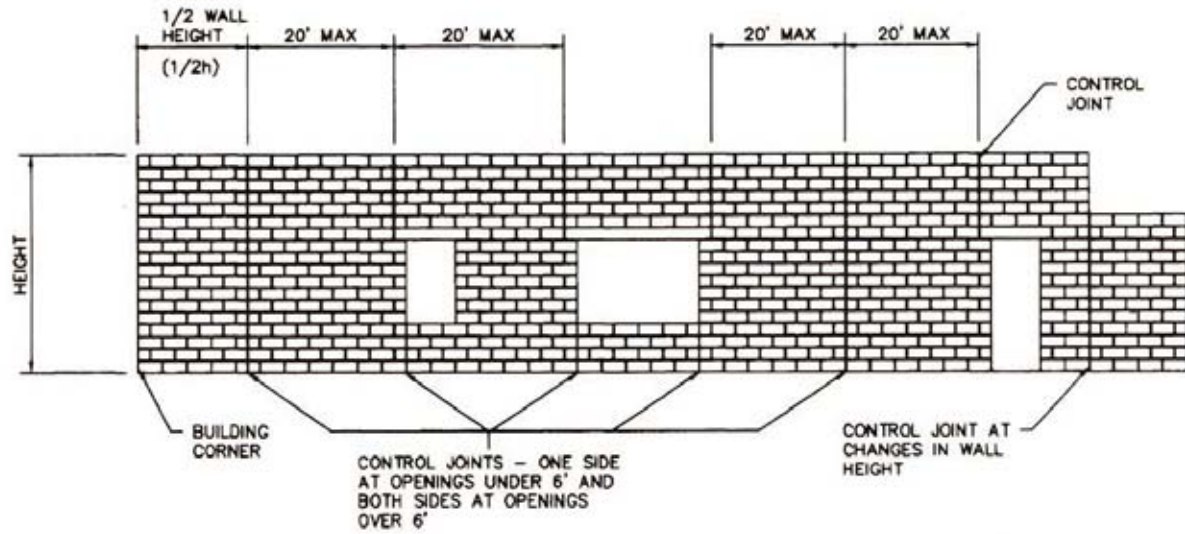


### Masonry Wall Reinforcement

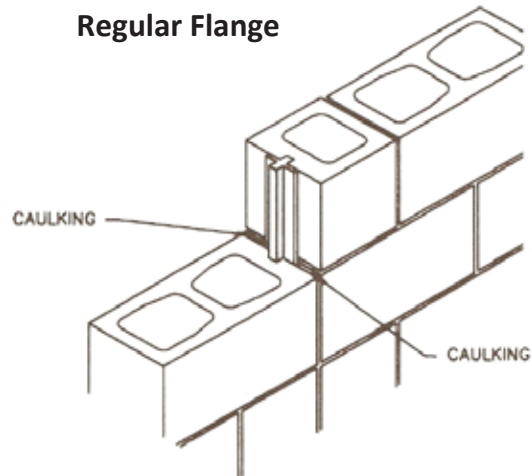


# CONSTRUCTIONS DETAILS

## Typical Control Joint Locations



## Rapid Control Joint



## SPECIFICATION GUIDELINES

### Specification Guidelines for Concrete Masonry

1. Concrete masonry units shall be produced to conform to ASTM C90 (Standard Specification for Load Bearing Concrete Masonry Units - hollow or solid and any revisions as thereafter adopted) as manufactured by **Masolite**.
2. Standard concrete blocks shall have a flat/smooth surface as provided by molds.
3. Architectural or decorative units shall have a textured face, or end, as specified by the architect.
4. An integral liquid polymeric admixture shall be added to the concrete mix for architectural concrete masonry units to be used in exterior applications. A compatible water repellent admixture shall be added to the mortar. Water-repellent admixtures are added to achieve a class E water permeability rating per ASTM E514-74 for both the concrete block and mortar.
5. Block producer shall be a member of the *National Concrete Masonry Association* and *Indiana Concrete Masonry Association*.
6. Integrally colored units shall have a color pigment added to the concrete during the mixing process.
7. Fire resistive units with a specific fire resistance classification will be furnished where indicated on architect's or engineer's drawings. Fire resistance classification will be based on the equivalent thickness method as published in the *National Concrete Masonry Association's* TEK 7-1 (Fire Resistance Rating of Concrete Masonry Assemblies).
8. Typical stretcher units shall have nominal face dimensions of 8" high x 16" long and thickness as required by the architect/engineer drawings. Specifications for other sizes and shapes should be furnished to meet conditions required or indicated for lintels, corners, jambs, control joints, bond beam, or any other special conditions.
9. Cold weather construction shall conform to the "*Recommended Practices & Guide Specifications for Cold Weather Masonry Construction*" developed by the *International Masonry Industry All Weather Council*. Any wall unfinished at the end of the work day shall be draped with a non-absorbing cover extending at least 2 feet (and weighted) on both sides of the wall.

## ESTIMATING GUIDES

### Unit Quantities

Description	Unit Per Square Feet
Standard Block (8x8x16)	1.13 block per sq. ft. of wall area
Half Block (8x8x8)	2.25 block per sq. ft. of wall area
Half High Block (8x4x16)	2.25 block per sq. ft. of wall area

### Mortar Quantities

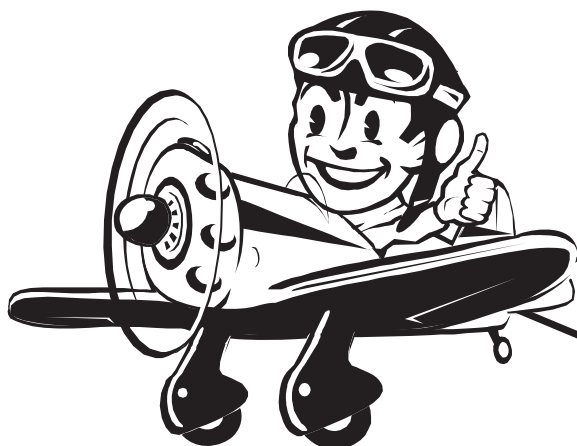
1 bag per 30 (8") Block

### Sand Quantities

3 cubic feet per 1 bag of mortar

### Approximate Volume required to fill core voids in block

6x8x16	2 core	0.18 cubic feet per block
8x8x16	2 core	0.25 cubic feet per block
10x8x16	2 core	0.33 cubic feet per block
12x8x16	2 core	0.41 cubic feet per block
14x8x16	2 core	0.50 cubic feet per block



The figures above are  
intended for "RULE OF  
THUMB" use only

# MASONRY PRODUCTS and ACCESSORIES

## Acme-Hardesty

- IWR Mortar Admixture

## BASF Construction Chemicals

- Rheopel IWR Mortar Admixture

## Bon Tools

- Masonry Tools

## Buzzi Unicem

- Masonry Cements
- Portland Cements
- Portland Lime Blend Cements
- Colored Masonry Cements

## Carter's Concrete Products

- Lightweight Lintels

## CBIS

- Korfil Masonry Insulation Inserts

## Cemex

- Colored Masonry Cements

## Davis Colors/Rockwood Pigments

- Color Pigment

## Dynamic Color Solutions

- Color Pigment

## Essroc Italcementi Group

- Masonry Cements
- Mortar Cements
- Portland Cements

## Federal White

- White Masonry Cements
- White Portland Cement

## Foam Concepts, Inc.

- Polycore Insulation Inserts

## W.R. Grace Construction

- Morset Accelerator
- Zonolite Masonry Insulation

## Grand Blanc Cement Products

- Splitface Units
- Soundblox - Proudfoot
- Castle Rock / Shadow Stone
- Benchmark
- "C" Brick
- Burnished Block

## Hohmann & Barnard, Inc.

- Truss & Ladder Reinforcement & Accessories
- Adjustable Anchor Systems for Rubble Stone
- Anchor Products

## Lafarge North America

- Masonry Cements
- Mortar Cements
- Portland Cements
- Colored Masonry Cements

## Lehigh Cement

- White Portland Cement
- White Masonry Cements
- Masonry Cements
- Colored Masonry Cements

## Marshalltown Tools

- Masonry Tools

## Masolite

- Standard Concrete Masonry Units
- Architectural Concrete Masonry Units
- Acoustical Concrete Masonry Units
- Segmental Retaining Walls
- Interlocking Concrete Pavers & Accessories

## Mountain Stone Products

- Cultured Stone

## Northfield Block Company

- Splitface Units
- Harvard Brick
- Hand-Crafted Signature Series

## Owen's Corning

- Cultured Stone

## Prairie Stone

- Architectural CMU's
- Sills
- Copings
- Wainscot
- Cornice, Quoins & Accents

## Prosoco, Inc.

- Masonry & Concrete Cleaners
- Masonry & Concrete Sealers

## Solomon Colors, Inc.

- Color Pigment

## Trenwyth Products

- Astra-Glaze
- Trendstone & Trendstone Plus Ground Face
- Mesastone Textured
- Splitface Units
- Acousta-Wall Sound-Absorbing Units

# HARDSCAPE PRODUCTS and ACCESSORIES

## Alliance Designer Products

- Polymeric Sands
- Paver Edging

## Best Block

- Keystone Retaining Walls

## Belgard

- Classic Pavers
- Tumbled Pavers
- Permeable Pavers
- Retaining Walls

## Curv-Rite

- Aluminum Edging

## Firerock Fireplace

- Outdoor Fireplaces

## Masolite

- Keystone Garden Wall
- Keystone Legacy Wall
- Keystone Retaining Wall
  - Standard Units
  - Compac Units
- Keystone Verazzo Retaining Wall

## Oberfields

- Versa-Lok Retaining Walls

## Oldcastle

- Keystone INDOT Retaining Wall
- Versa-Lok Retaining Wall

## Paverart LLC

- Specialty Paver Designs

## Pave Tech Hardscape Outfitters

- Hardscape Tools

## Precast Specialties

- Pyramid/Flat Pier Caps
- Outdoor Concrete Countertops

## Prosoco, Inc.

- Cleaners
- Sealants

## Rosetta Stone

- Steps
- Pavers
- Retaining Walls

## Santerra Stonecraft

- Classic Pavers
- Tumbled Pavers
- Permeable Pavers
- Rockwood Retaining Walls

## Snap Edge Corp

- Paver Edging

## SRW Products

- Adhesive
- Geogrids
- Soil Stabilization Fabric

## Techniseal

- Cleaners
- Sealants
- Polymeric Sands

## Unilock

- Select Pavers
- Classic Pavers
- Tumbled Pavers
- Permeable Pavers
- Retaining Walls
- Element Outdoor Designs





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Email: gcalhoun@masolite.com

Fax: 260.436.2788

## DIRECTIONS



FOR GPS DEVICE, INPUT 2199 LAFONTAIN STREET AS ADDRESS

### Directions From Interstate 69

#### North on I-69 to Fort Wayne:

Take Fort Wayne Exit 102 east onto Jefferson Blvd. Go Approximately 4.3 miles to Parkwest Center and the Illinois Road intersection, continue straight...

#### South on I-69 to Fort Wayne:

Take Fort Wayne Exit 105A east onto Illinois Road approximately 2 miles to Parkwest Center and the Jefferson Blvd (Jefferson Point Mall is on the right hand side of the road) intersection turn left...

#### Then

Follow Jefferson Blvd east .6 miles to the stop light at Freeman Street, turn right, (south), go to stop light at Taylor Street, turn left onto Taylor Street, go to the third street, turn right. Follow LaFontain Street to our office.

# A World Class Local Business for over 140 years

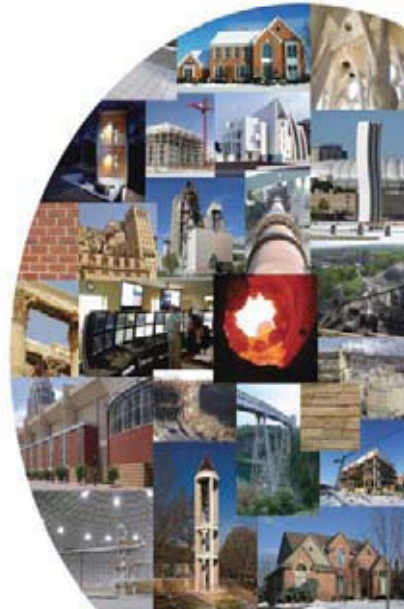
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