BLOCK DETAILS

41" SERIES BLOCKS

**Top - 28"**
Volume = 8.55 cft  
Weight = ±1223 lbs  
C of G = 15.06"

**Half Top - 28"**
Volume = 4.13 cft  
Weight = ±591 lbs  
C of G = 15.06"

**Middle - 41"**
Volume = 16.44 cft  
Weight = ±2351 lbs  
C of G = 20.92"

**Half Middle - 41"**
Volume = 7.28 cft  
Weight = ±1041 lbs  
C of G = 20.92"

**Bottom - 41"**
Volume = 17.37 cft  
Weight = ±2483 lbs  
C of G = 21.3"

**Half Bottom - 41"**
Volume = 7.73 cft  
Weight = ±1105 lbs  
C of G = 21.3"

**Planter**
Volume = 14.12 cft  
Weight = ±2020 lbs  
C of G = 19.35"

**Half Planter**
Volume = 5.91 cft  
Weight = ±890 lbs  
C of G = 19.35"

**NOTES:**
Volume and Center of Gravity (C of G) calculations are based on the blocks as shown.
Center of Gravity is measured from the back of the block.
Half blocks may include a fork lift slot on one side.
Actual weights and volumes may vary.
Weight shown is based on 143 pcf concrete.
### STEPS

#### 3-Sided Straight Step
- Volume: 4.58 cft
- Weight: ±655 lbs

#### 4-Sided 6" Cap Block
- Volume: 4.81 cft
- Weight: ±688 lbs

### FREESTANDING CORNER BLOCKS

#### Garden Corner
- Volume: 8.26 cft
- Weight: ±1182 lbs
- Limestone: ±23"
- Cobblestone: ±24"

#### Half Garden Corner
- Volume: 4.25 cft
- Weight: ±607 lbs
- Limestone: ±23"
- Cobblestone: ±24"

#### Top Corner
- Volume: 10.44 cft
- Weight: ±1493 lbs
- Limestone: ±23"
- Cobblestone: ±24"

#### Half Top Corner
- Volume: 5.18 cft
- Weight: ±741 lbs
- Limestone: ±23"
- Cobblestone: ±24"

#### Middle Corner
- Volume: 10.73 cft
- Weight: ±1534 lbs
- Limestone: ±23"
- Cobblestone: ±24"

#### Half Middle Corner
- Volume: 5.28 cft
- Weight: ±755 lbs
- Limestone: ±23"
- Cobblestone: ±24"

### NOTES:
Architectural faces on the blocks have varying texture.
Volumes are based on the blocks as shown.
Actual weights and volumes may vary.
Weight shown is based on 143 pcf concrete.
### Specialty Blocks

#### Protruding Planter
- **Volume**: 15.45 cft
- **Weight**: ±2210 lbs
- **C of G**: 24.71" (Limestone face shown. Cobblestone face also available.)

#### 23" End Block
- **Volume**: 6.79 cft
- **Weight**: ±970 lbs
- **C of G**: 12.29" (Note: This block can also be used with the 28" Series blocks.)

#### Drain Ditch Block
- **Volume**: 11.28 cft
- **Weight**: ±1614 lbs
- **C of G**: 21.57"

#### Half Drain Ditch Block
- **Volume**: 5.01 cft
- **Weight**: ±717 lbs
- **C of G**: 22.96"

#### Drain Ditch Block - MODIFIED
- **Volume**: 8.5 cft
- **Weight**: ±1215 lbs
- **C of G**: 18.1"

#### Garden Corner - MODIFIED
- **Volume**: 8.26 cft
- **Weight**: ±1180 lbs

#### Anchor Block
- **Volume**: 15.80 cft
- **Weight**: ±2259 lbs
- **C of G**: 21.2"

#### 42½" Short Block
- **Volume**: 15.09 cft
- **Weight**: ±2150 lbs
- **C of G**: 21.00"

### Notes:
- Volume and Center of Gravity (C of G) calculations are based on the blocks as shown.
- Center of Gravity is measured from the back of the block. Half blocks include a fork lift slot on one side. Actual weights and volumes will vary. Weight shown is based on 143 pcf concrete.
60" BLOCKS

**Middle - 60"**
Volume = 23.0 cft
Weight = ±3290 lbs
C of G = 31.28"

**Half Middle - 60"**
Volume = 9.31 cft
Weight = ±1331 lbs

**Bottom - 60"**
Volume = 23.9 cft
Weight = ±3420 lbs
C of G = 31.90"

**Half Bottom - 60"**
Volume = 9.75 cft
Weight = ±1394 lbs

**NOTES:**
The 60" block is typically used as a bottom block in a larger wall. See the 41" Series for additional blocks and steps.

Volume and Center of Gravity (C of G) calculations are based on the blocks as shown.

Center of Gravity is measured from the back of the block.
Half blocks may include a fork lift slot on one side.
Actual weights and volumes may vary.
Weight shown is based on 143 pcf concrete.
2011 INSTALLATION MANUAL

9" SETBACK BLOCKS

Middle - 9" Setback
Volume = 16.47 cft
Weight = ±2355 lbs
C of G = 20.80°

Half Middle - 9" Setback
Volume = 7.31 cft
Weight = ±1045 lbs
C of G = 21.94°

Left Hand Corner for 9" Setback Walls
Volume = 11.24 cft
Weight = ±1607 lbs

Right Hand Corner for 9" Setback Walls
Volume = 11.24 cft
Weight = ±1607 lbs

Top - Left Hand Corner for 9" Setback Walls
Volume = 9.08 cft
Weight = ±1298 lbs

Top - Right Hand Corner for 9" Setback Walls
Volume = 9.08 cft
Weight = ±1298 lbs

(Specialty Block)
27" Wide Middle for 9" Setback Walls
Volume = 9.32 cft
Weight = ±1332 lbs
C of G = 21.49°

(THIS SPECIALTY BLOCK MAY HAVE LIMITED AVAILABILITY AND IS ONLY USED IN DOUBLE 90° CORNER APPLICATIONS)

NOTES:
Volume and Center of Gravity (C of G) calculations are based on the blocks as shown.
Center of Gravity is measured from the back of the block.
Half blocks may include a fork lift slot on one side.
Actual weights and volumes may vary.
Weight shown is based on 143 pcf concrete.

Redi-Rock® International, LLC

Redi-Rock International

June 2011
# 28" SERIES BLOCKS

## Top - 28"
- Volume: 8.55 cft
- Weight: ±1223 lbs
- C of G: 15.06"

![Top - 28"
](image)

## Half Top - 28"
- Volume: 4.13 cft
- Weight: ±591 lbs

![Half Top - 28"
](image)

## Middle - 28"
- Volume: 11.40 cft
- Weight: ±1630 lbs
- C of G: 14.18"

![Middle - 28"
](image)

## Half Middle - 28"
- Volume: 5.34 cft
- Weight: ±764 lbs

![Half Middle - 28"
](image)

## Bottom - 28"
- Volume: 12.36 cft
- Weight: ±1768 lbs
- C of G: 14.23"

![Bottom - 28"
](image)

## Half Bottom - 28"
- Volume: 5.79 cft
- Weight: ±827 lbs

![Half Bottom - 28"
](image)

## 23" End Block
- Volume: 6.79 cft
- Weight: ±970 lbs
- C of G: 12.29"

![23" End Block](image)

## 9" Bottom Block
- Volume: 6.40 cft
- Weight: ±915 lbs
- C of G: 14.20"

![9" Bottom Block](image)

### NOTES:
- Volume and Center of Gravity (C of G) calculations are based on the blocks as shown.
- Center of Gravity is measured from the back of the block.
- Half blocks may include a fork lift slot on one side.
- Actual weights and volumes may vary.
- Weight shown is based on 143 pcf concrete.
### STEPS

#### 3-Sided Straight Step
- **Volume**: 4.58 cft
- **Weight**: ±655 lbs

#### 4-Sided 6" Cap Block
- **Volume**: 4.81 cft
- **Weight**: ±688 lbs

### FREESTANDING CORNER BLOCKS

#### Garden Corner
- **Volume**: 8.26 cft
- **Weight**: ±1182 lbs

#### Half Garden Corner
- **Volume**: 4.25 cft
- **Weight**: ±607 lbs

#### Top Corner
- *(Smooth or Textured)*
- **Volume**: 10.44 cft
- **Weight**: ±1493 lbs

#### Half Top Corner
- *(Smooth or Textured)*
- **Volume**: 5.18 cft
- **Weight**: ±741 lbs

#### Middle Corner
- **Volume**: 10.73 cft
- **Weight**: ±1534 lbs

#### Half Middle Corner
- **Volume**: 5.28 cft
- **Weight**: ±755 lbs

**(Bottom Corner Block does not have groove)**

### NOTES:
- Architectural faces on the blocks have varying texture.
- Volumes are based on the blocks as shown.
- Actual weights and volumes may vary.
- Weight shown is based on 143 pcf concrete.
POSITIVE CONNECTION (PC) BLOCKS

**Top - 28" PC Block**
Volume = 8.38 ft³
Weight = ±1200 lbs
C of G = 15.5°

The slot in all Positive Connection blocks is tapered and varies in width from 12 ½" to 13". It is sized to accept a 12" wide strip of geogrid soil reinforcement.

**Middle - 28" PC Block**
Volume = 10.77 ft³
Weight = ±1540 lbs
C of G = 14.4°

**Bottom - 28" PC Block**
Volume = 11.50 ft³
Weight = ±1645 lbs
C of G = 14.5°

**Middle - 41" PC Block**
Volume = 15.34 ft³
Weight = ±2195 lbs
C of G = 20.7°

**Notes:**
- Volume and Center of Gravity (C of G) calculations are based on the blocks as shown.
- Center of Gravity is measured from the back of the block.
- Half blocks may include a fork lift slot on one side.
- Actual weights and volumes may vary.
- Weight shown is based on 143 pcf concrete.
### Freestanding Series Blocks

**Straight Top**  
*(Smooth or Textured)*  
Full Block (46 ½")  
Volume = 10.66 cft  
Weight = ±1527 lbs  
Half Block (23 ½")  
Volume = 5.33 cft  
Weight = ±762 lbs

**Curved Top**  
*(Smooth or Textured)*  
Volume = 10.03 cft  
Weight = ±1434 lbs

**Straight Top Garden**  
Volume = 7.98 cft  
Weight = ±1141 lbs  
Half Block (23 ½")  
Volume = 3.97 cft  
Weight = ±567 lbs

**Curved Top Garden**  
Volume = 7.65 cft  
Weight = ±1093 lbs

**Straight Middle**  
Volume = 10.68 cft  
Weight = ±1527 lbs  
Half Block (23 ½")  
Volume = 5.33 cft  
Weight = ±762 lbs

**Curved Middle**  
Volume = 10.24 cft  
Weight = ±1465 lbs

**Straight Bottom**  
Volume = 11.53 cft  
Weight = ±1649 lbs  
Half Block (23 ½")  
Volume = 5.74 cft  
Weight = ±821 lbs

**Curved Bottom**  
Volume = 11.10 cft  
Weight = ±1588 lbs

**Force Protection**

Straight blocks can be manufactured with a 3” horizontal tube for post-tensioned cable installation.  
Straight and curved blocks can be manufactured with 6” vertical tubes for mechanical tie-down bolt installation.

**Variable Radius Walls**

Straight block styles can be manufactured with the end block insert to allow the blocks to be used in a variable radius wall.

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**NOTES:**

Architectural faces on the blocks have varying texture.  
Volumes are based on the blocks as shown.  
Actual weights and volumes may vary.  
Weight shown is based on 143 pcf concrete.

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Redi-Rock International, LLC
## Freestanding Series Corners

**(Finished on Three Sides)**

### Top Corner

*(Smooth or Textured)*

- Volume: 10.44 cft
- Weight: ±1493 lbs

### Half Top Corner

*(Smooth or Textured)*

- Volume: 5.18 cft
- Weight: ±741 lbs

### Garden Corner

- Volume: 8.26 cft
- Weight: ±1182 lbs

### Half Garden Corner

- Volume: 4.25 cft
- Weight: ±607 lbs

### Middle Corner

- Volume: 10.73 cft
- Weight: ±1534 lbs

*(Bottom Corner Block does not have groove)*

### Half Middle Corner

*(Half Bottom Corner Block does not have groove)*

- Volume: 5.28 cft
- Weight: ±755 lbs

### Notes:

- Architectural faces on the blocks have varying texture.
- Volumes are based on the blocks as shown.
- Actual weights and volumes may vary.
- Weight shown is based on 143 pcf concrete.

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**Redi-Rock® International, LLC**

Redi-Rock International

June 2011
# 6" CAP BLOCKS

<table>
<thead>
<tr>
<th>Two-Sided Cap</th>
<th>Two-Sided Curve Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume = 4.50 cft</td>
<td>Volume = 4.33 cft</td>
</tr>
<tr>
<td>Weight = ±644 lbs</td>
<td>Weight = ±619 lbs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Three-Sided Cap</th>
<th>Four-Sided Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume = 4.68 cft</td>
<td>Volume = 4.81 cft</td>
</tr>
<tr>
<td>Weight = ±669 lbs</td>
<td>Weight = ±688 lbs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two-Sided Half</th>
<th>Three-Sided Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume = 2.25 cft</td>
<td>Volume = 2.43 cft</td>
</tr>
<tr>
<td>Weight = ±322 lbs</td>
<td>Weight = ±347 lbs</td>
</tr>
</tbody>
</table>

**NOTES:**
- Volume based on blocks as shown.
- Actual weights and volumes may vary.
- Weight shown is based on 143 pcf concrete.
### Column and Fence Series

**Fence Rail**
(Typical, Wood or Concrete)

**Column Cap**
*(Four Sided)*
- Volume: 2.56 cft
- Weight: ±366 lbs

**Column Cap with Conduit**
- Volume: 2.52 cft
- Weight: ±360 lbs

**Gate Column**
- Volume: 5.44 cft
- Weight: ±778 lbs

**End Column**
- Volume: 5.07 cft
- Weight: ±725 lbs

**Corner Column**
- Volume: 5.00 cft
- Weight: ±715 lbs

**Line Column**
- Volume: 5.00 cft
- Weight: ±715 lbs

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**NOTES:**
- Volume based on blocks as shown.
- Actual weights and volumes may vary.
- Weight shown is based on 143 pcf concrete.
QUARRIED PAVER SERIES

PAVERS COME STANDARD WITH SMOOTH SIDES. ANY SIDE CAN BE REPLACED WITH TEXTURED SURFACE. MOST COMMONLY USED PAVERS ARE SHOWN BELOW.

6' Pavers

Volume = 7.93 ft³
Weight = ± 1,134 lb

4' Pavers

Volume = 5.28 ft³
Weight = ± 755 lb

Curved Sidewalk Paver

Volume = 6.61 ft³
Weight = ± 945 lb

Triangle Paver

Volume = 2.63 ft³
Weight = ± 376 lb

Embedments or openings may be placed at any location.

NOTES:
Volume based on pavers as shown.
Actual weights and volumes may vary.
Weight shown is based on 143 lb/ft³ concrete.
Panel
Volume = 18.6 cft
Weight = ± 2660 lbs

End Column
Volume = 6.7 cft
Weight = ± 960 lbs

 Inline Column
Volume = 6.2 cft
Weight = ± 890 lbs

90° Column
Volume = 6.2 cft
Weight = ± 890 lbs

 Four-Sided Column
Volume = 7.2 cft
Weight = ± 1030 lbs

Column Cap
Volume = 1.2 cft
Weight = ± 170 lbs

NOTES:
Volume calculations are based on the blocks as shown.
Actual weights and volumes may vary.
Weight shown is based on 143 pcf concrete.