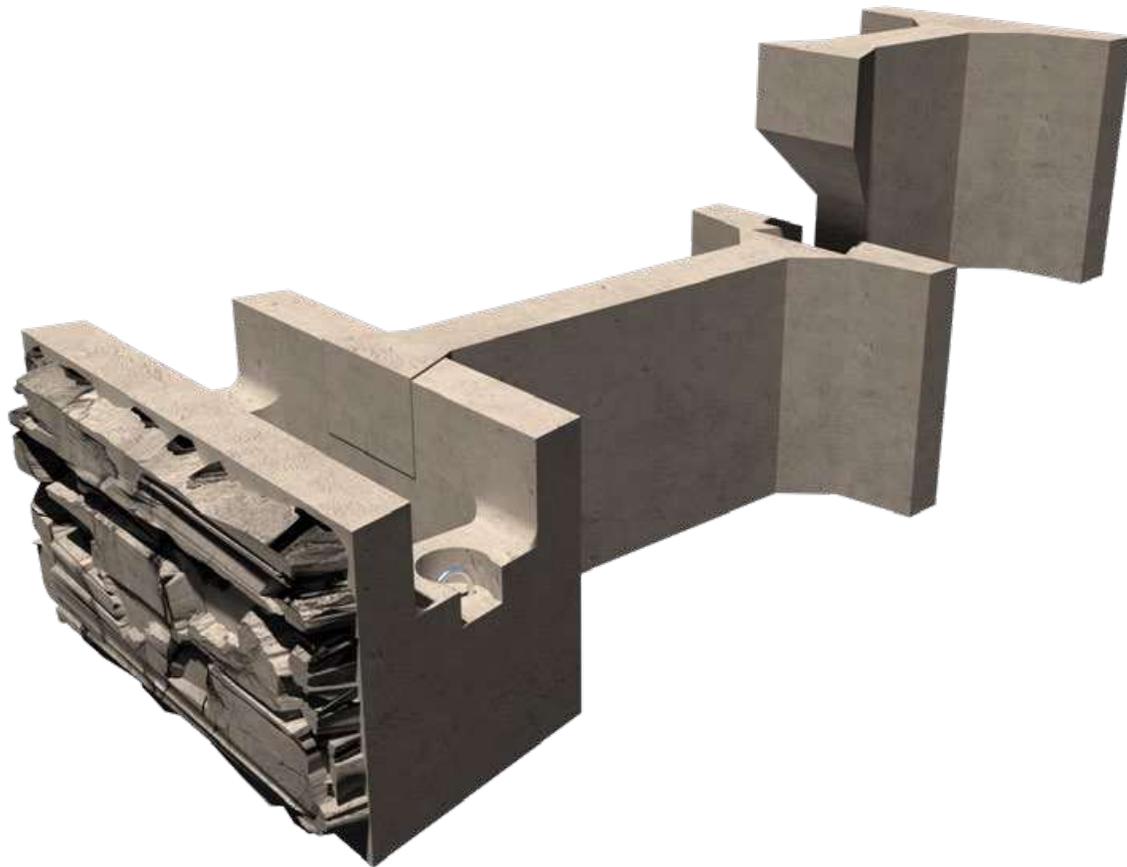


# UNIT SPECIFICATIONS GUIDE

# INTRO



MagnumStone is an innovative, large precast modular retaining wall system (wet-cast concrete) that delivers exceptional strength and durability. With multiple design options, MagnumStone efficiently maximizes land use, minimizes excavation areas, and builds closer to property lines, structures and underground utilities.

These proven hollow core blocks enhance drainage efficiency and make installations quicker simpler, as each large MagnumStone block covers 8 sq. ft. (0.74 sq. m.). Expedite project timelines, save big on labor and build fortified wall solutions for critical slope stabilization, soil reinforcement and more.

MagnumStone's everlasting solutions and supreme versatility fit any size retaining wall design for residential, commercial and coastal developments, and major infrastructure projects. The interlocking blocks' design flexibility excels in any application, simple or sophisticated. Achieve taller gravity walls, eco-friendly plantable wall designs, secure bridge wing walls, and protect communities with stormwater management protection; all with natural stone textured blocks.

Learn more about MagnumStone's retaining wall solutions at [magnumstone.com](https://magnumstone.com).

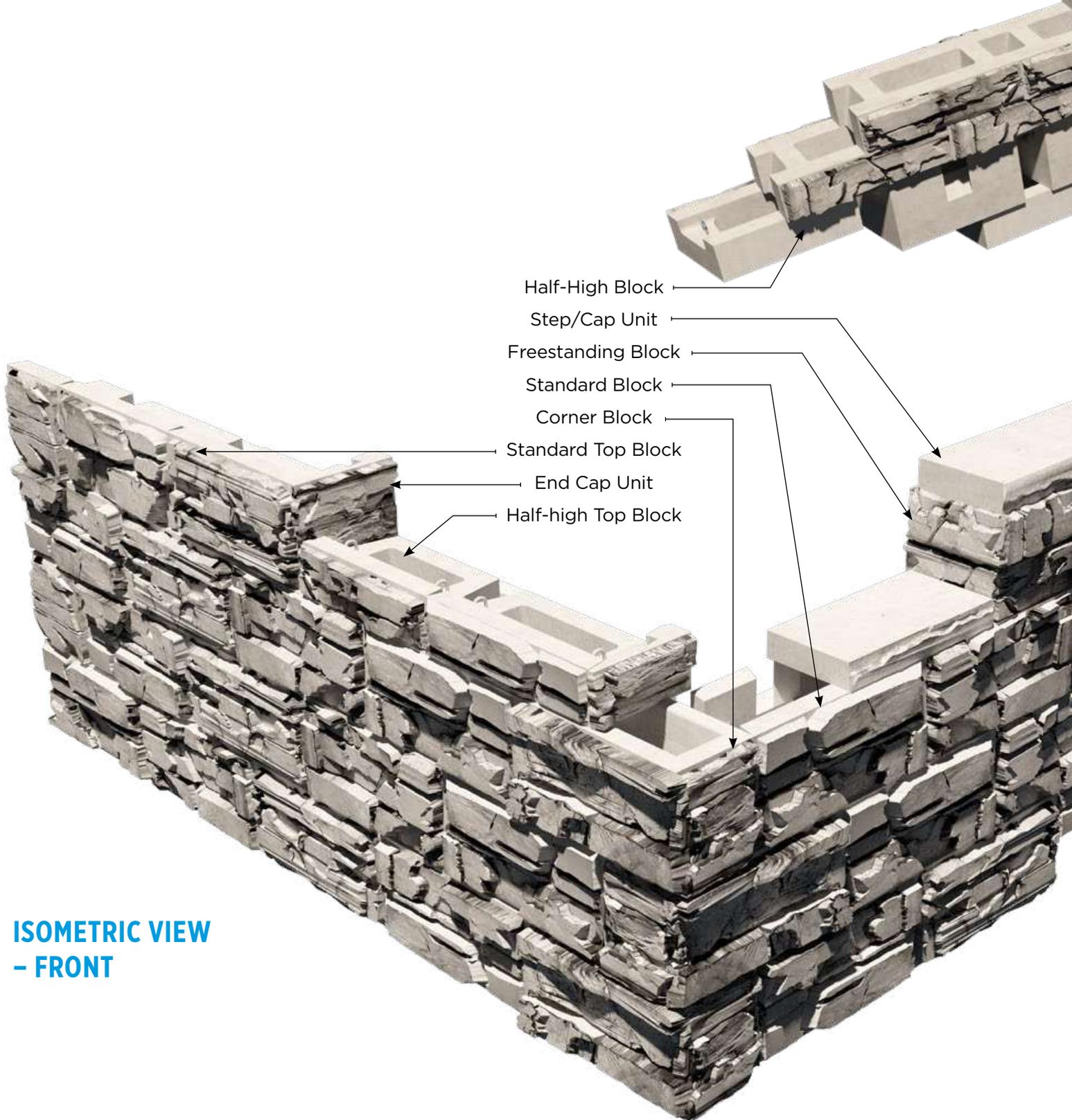
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# THE MAGNUMSTONE SYSTEM



Half-High Block

Step/Cap Unit

Freestanding Block

Standard Block

Corner Block

Standard Top Block

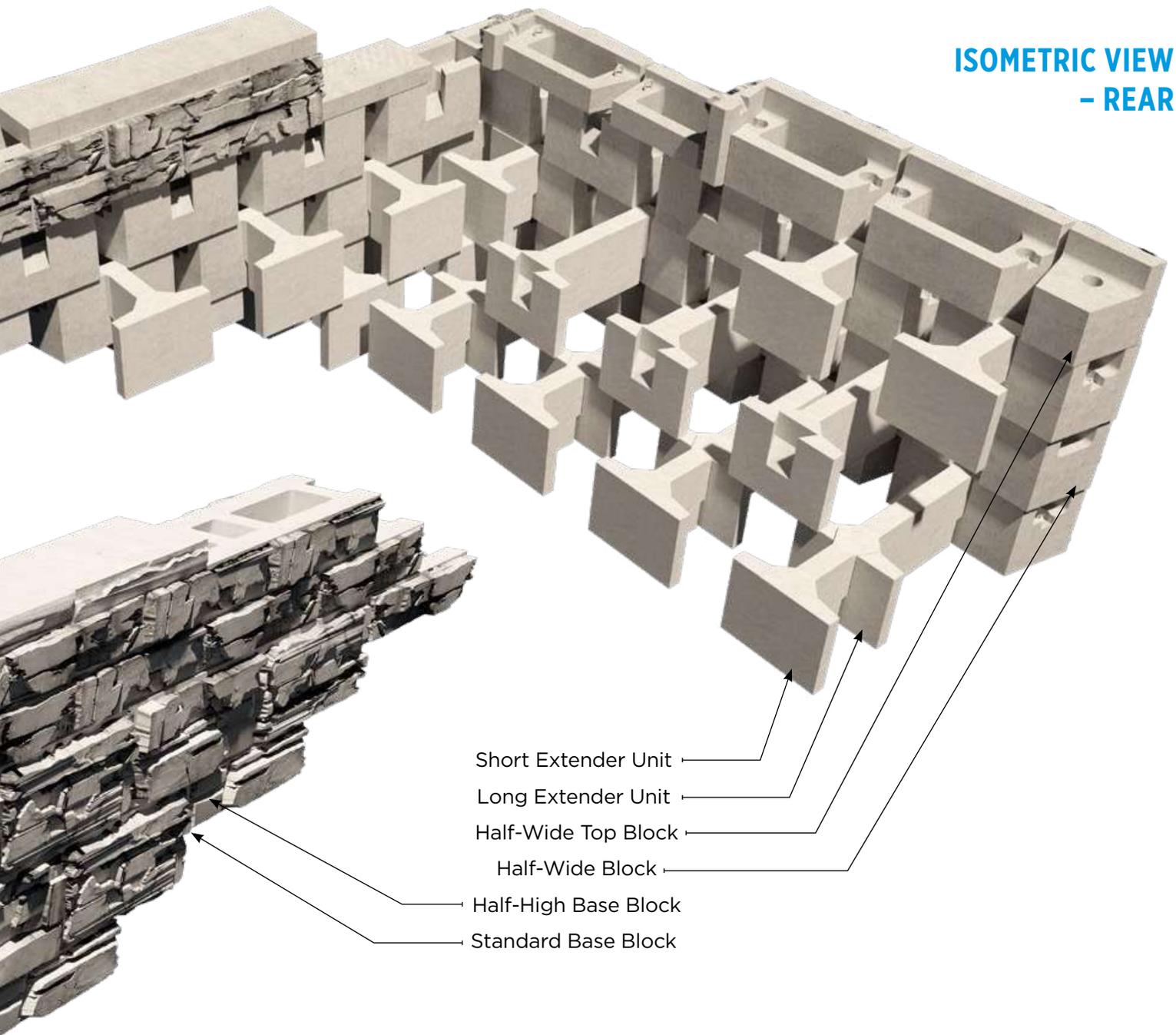
End Cap Unit

Half-high Top Block

**ISOMETRIC VIEW  
- FRONT**



## ISOMETRIC VIEW - REAR

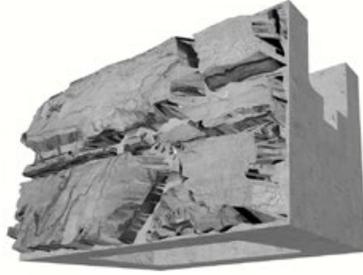


# MAGNUMSTONE BLOCKS



**STANDARD**

1370 lbs (621 kgs)



**STANDARD BASE**

1345 lbs (610 kgs)



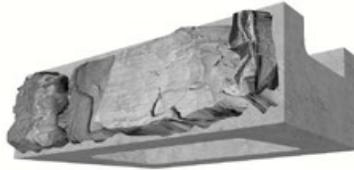
**STANDARD TOP**

1220 lbs (553 kgs)



**HALF-HIGH**

750 lbs (340 kgs)



**HALF-HIGH BASE**

725 lbs (328 kgs)



**HALF-HIGH TOP**

680 lbs (308 kgs)



**HALF-WIDE**

835 lbs (378 kgs)



**HALF-WIDE BASE**

823 lbs (373 kgs)



**HALF-WIDE TOP**

760 lbs (345 kgs)

Weights and dimensions are nominal. Specifications may change. Verify exact information with your local producer.



**\*CORNER STANDARD**

1700 lbs (771 kgs)  
Available in left/right



**\*CORNER BASE**

1675 lbs (760 kgs)  
Available in left/right



**\*CORNER TOP**

1500 lbs (680 kgs)  
Available in left/right



**2-SIDED FREESTANDING**

900 lbs (408 kgs)



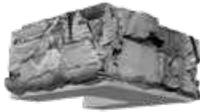
**3-SIDED FREESTANDING**

900 lbs (408 kgs)



**2-SIDED QUARTER**

300 lb (136 kgs)



**3-SIDED QUARTER**

300 lb (136 kgs)



**SHORT EXTENDER**

520 lbs (236 kgs)



**LONG EXTENDER**

820 lbs (372 kgs)



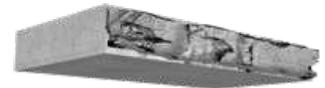
**STANDARD END CAP**

340 lbs (154 kgs)



**HALFHIGH END CAP**

170 lbs (77 kgs)



**CAP/STEP**

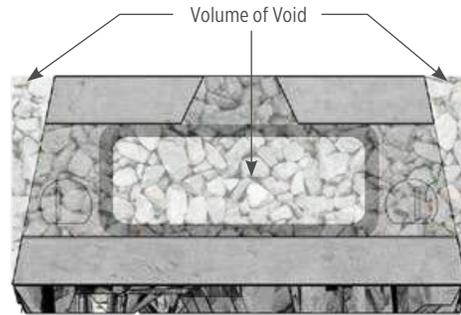
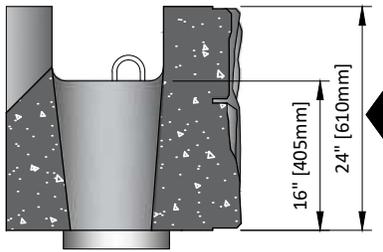
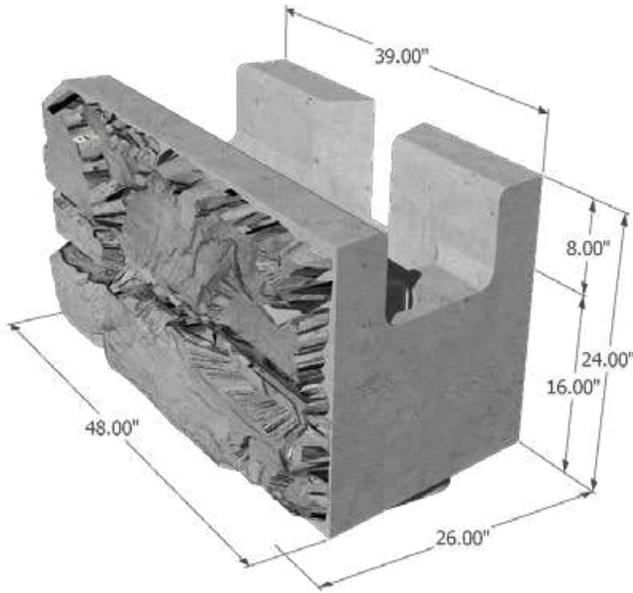
580 lbs (263 kgs)

Weights and dimensions are nominal. Specifications may change. Verify exact information with your local producer.

# STANDARD BLOCK

SOIL SEPARATING  
FILTER FABRIC

COMPACTED  
BACKFILL



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±26 "	±660 mm
Face Width	48 "	1220 mm
Back Width	39 "	990 mm
Face Area	8 ft <sup>2</sup>	0.74 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	1370 lbs	621 kg
Center of Gravity	10.65 "	270.51 mm
<b>Volume</b>	<b>10.09 ft<sup>3</sup></b>	<b>0.29 m<sup>3</sup></b>

## AGGREGATE VOID

Weight	594.75 lbs	269.42 kg
<b>Volume</b>	<b>6.66 ft<sup>3</sup></b>	<b>0.189 m<sup>3</sup></b>

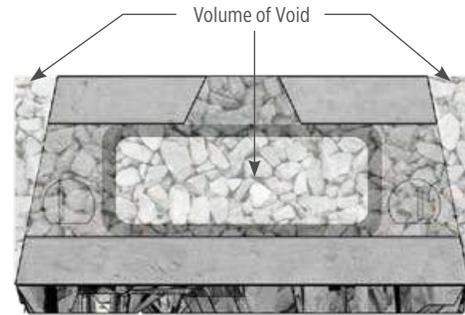
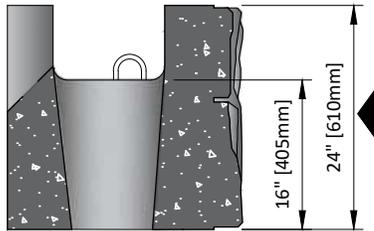
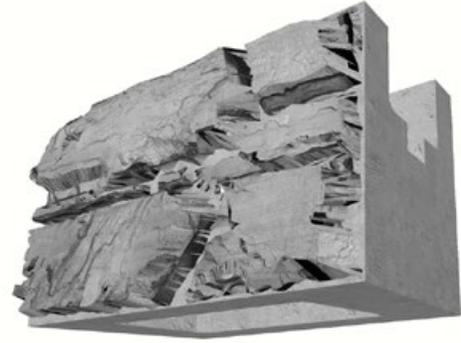
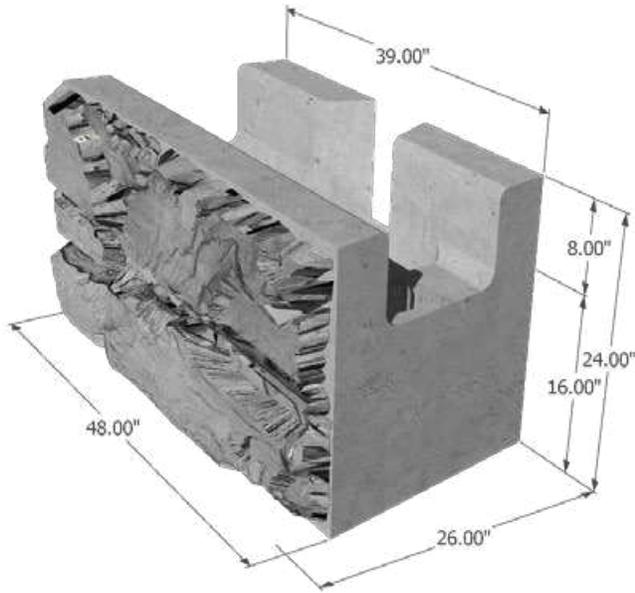
## COMBINED = UNIT + AGGREGATE

Total Weight	1965 lbs	891.30 kg
Center of Gravity	12.53 "	318 mm
<b>Volume</b>	<b>16.75 ft<sup>3</sup></b>	<b>0.47 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m<sup>3</sup>) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# STANDARD BASE BLOCK

SOIL SEPARATING  
FILTER FABRIC



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±26 "	±660 mm
Face Width	48 "	1220 mm
Back Width	39 "	990 mm
Face Area	8 ft <sup>2</sup>	0.74 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	1400 lbs	635 kg
Center of Gravity	10.80 "	274.32 mm
<b>Volume</b>	<b>9.94 ft<sup>3</sup></b>	<b>0.28 m<sup>3</sup></b>

## AGGREGATE VOID

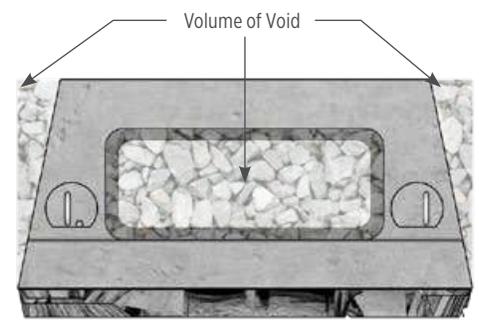
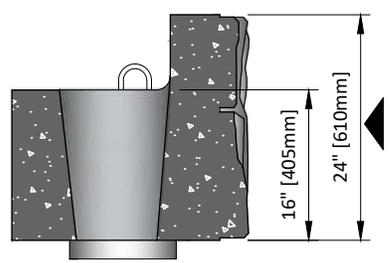
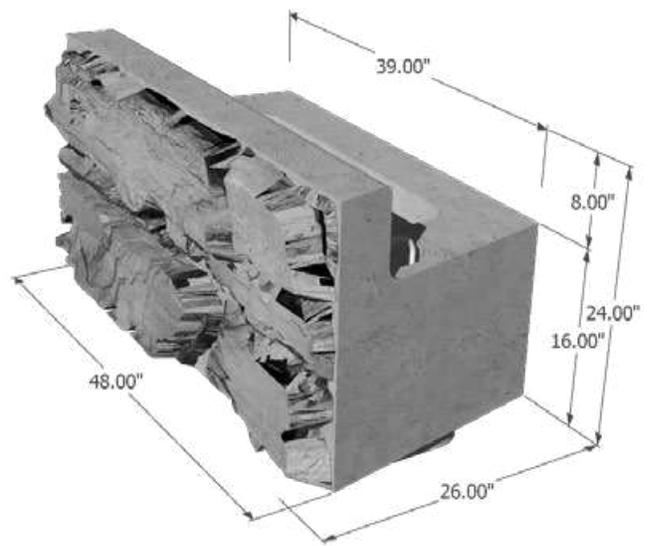
Weight	594.75 lbs	269.42 kg
<b>Volume</b>	<b>6.66 ft<sup>3</sup></b>	<b>0.189 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	1994.75 lbs	904.80 kg
Center of Gravity	12.54 "	318.5 mm
<b>Volume</b>	<b>16.6 ft<sup>3</sup></b>	<b>0.47 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m<sup>3</sup>) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# STANDARD TOP BLOCK



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±26 "	±660 mm
Face Width	48 "	1220 mm
Back Width	39 "	990 mm
Face Area	8 ft <sup>2</sup>	0.74 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	1220 lbs	553 kg
Center of Gravity	9.76 "	247.90 mm
<b>Volume</b>	<b>9.44 ft<sup>3</sup></b>	<b>0.27 m<sup>3</sup></b>

## AGGREGATE VOID

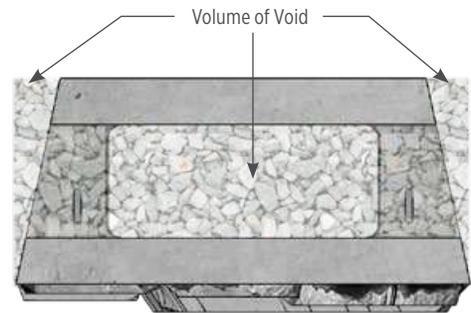
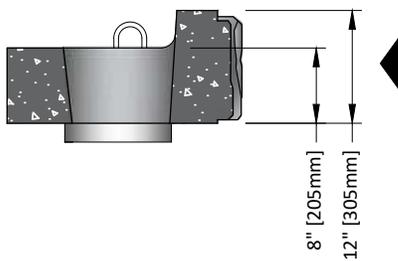
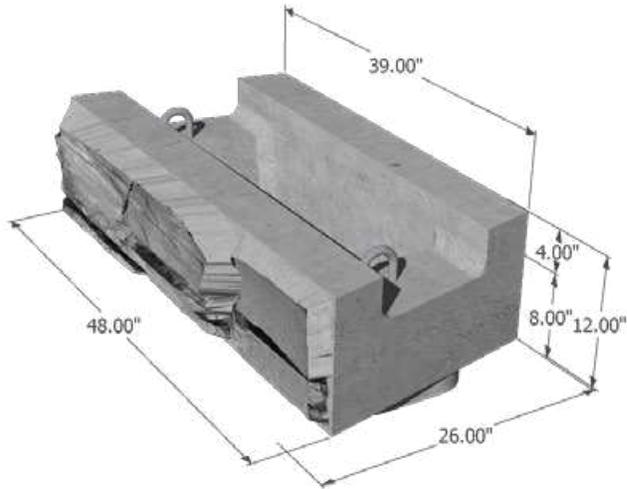
Weight	319.69 lbs	144.82 kg
<b>Volume</b>	<b>3.58 ft<sup>3</sup></b>	<b>0.172 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	1539.70 lbs	698.40 kg
Center of Gravity	11.28 "	286.5 mm
<b>Volume</b>	<b>13.02 ft<sup>3</sup></b>	<b>0.37 m<sup>3</sup></b>

All drawings, illustrations, and text are accurate to the best of our knowledge but a qualified engineer shall do the analysis and structural design for all aspects of the segmental retaining wall project. The sole responsibility of the suitability of the products or information in this manual lies with the xxxxxxxx.

# HALF-HIGH BLOCK



## UNIT SPECIFICATIONS

Height	12 "	305 mm
Depth	±26 "	±660 mm
Face Width	48 "	1220 mm
Back Width	39 "	990 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	750 lbs	310.39 kg
Center of Gravity	11.22 "	285 mm
<b>Volume</b>	<b>5.28 ft<sup>3</sup></b>	<b>0.150 m<sup>3</sup></b>

## AGGREGATE VOID

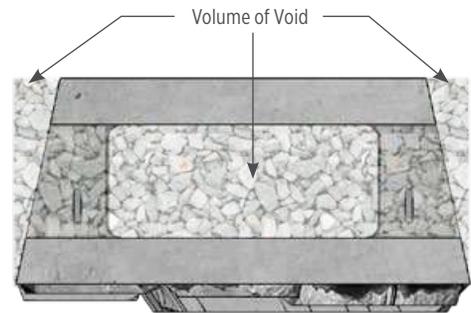
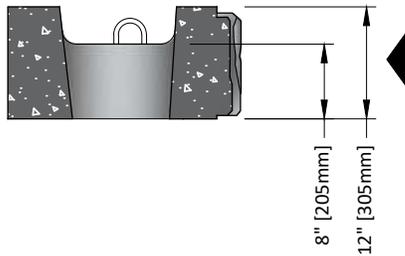
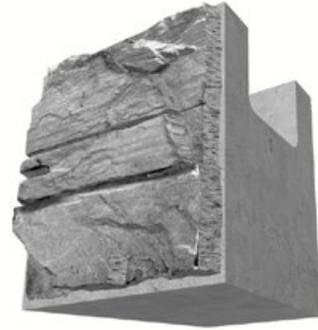
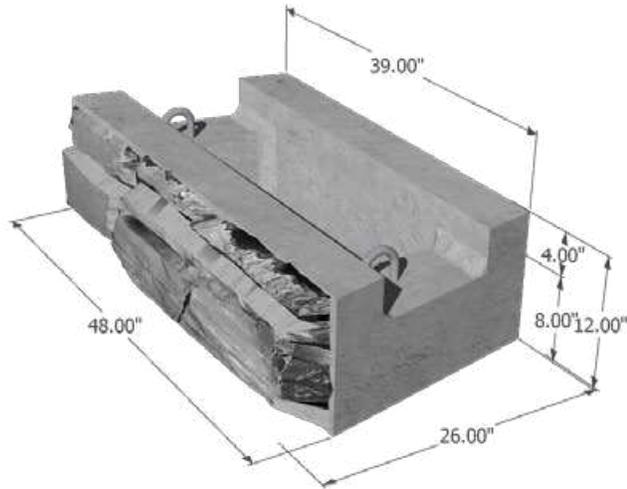
Weight	283.10 lbs	128.25 kg
<b>Volume</b>	<b>3.17 ft<sup>3</sup></b>	<b>0.090 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	1033.10 lbs	468.0 kg
Center of Gravity	12.55 "	318.77 mm
<b>Volume</b>	<b>8.45 ft<sup>3</sup></b>	<b>0.239 m<sup>3</sup></b>

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# HALF-HIGH BASE BLOCK



## UNIT SPECIFICATIONS

Height	12 "	305 mm
Depth	±26 "	±660 mm
Face Width	48 "	1220 mm
Back Width	39 "	990 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	725 lbs	328 kg
Center of Gravity	11.16 "	mm
<b>Volume</b>	<b>5.13 ft<sup>3</sup></b>	<b>0.145m<sup>3</sup></b>

## AGGREGATE VOID

Weight	283.10 lbs	128.25 kg
<b>Volume</b>	<b>3.17 ft<sup>3</sup></b>	<b>0.09 m<sup>3</sup></b>

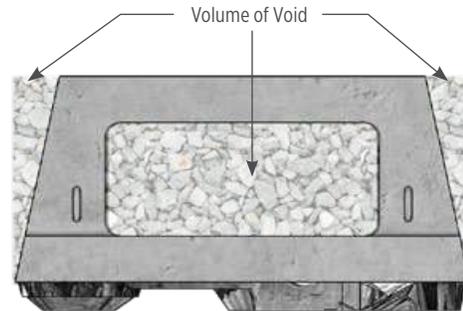
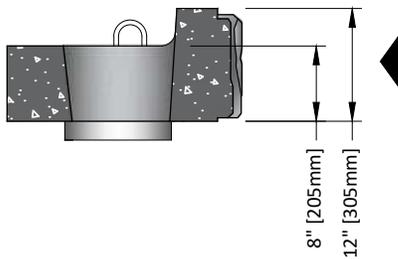
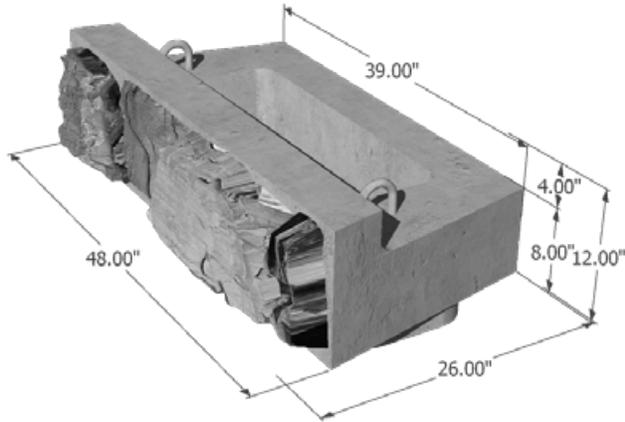
## COMBINED = UNIT + AGGREGATE

Total Weight	1088.10 lbs	456.70 kg
Center of Gravity	12.55 "	318.77 mm
<b>Volume</b>	<b>8.45 ft<sup>3</sup></b>	<b>0.239 m<sup>3</sup></b>

All drawings, illustrations, and text are accurate to the best of our knowledge but a qualified engineer shall do the analysis and structural design for all aspects of the segmental retaining wall project. The sole responsibility of the suitability of the products or information in this manual lies with the xxxxxxxx.

# HALF-HIGH TOP BLOCK

SOIL SEPARATING  
FILTER FABRIC



## UNIT SPECIFICATIONS

Height	12 "	305 mm
Depth	±26 "	±660 mm
Face Width	48 "	1220 mm
Back Width	39 "	990 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	680 lbs	308 kg
Center of Gravity	10.09 "	256.28 mm
<b>Volume</b>	<b>4.79 ft<sup>3</sup></b>	<b>0.135 m<sup>3</sup></b>

## AGGREGATE VOID

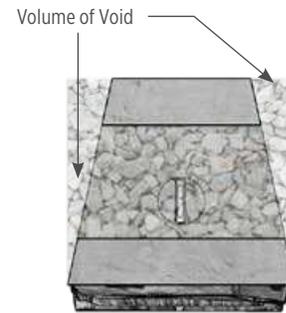
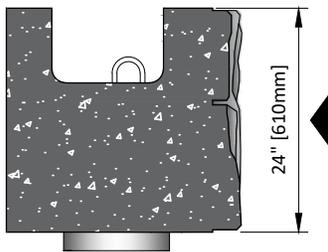
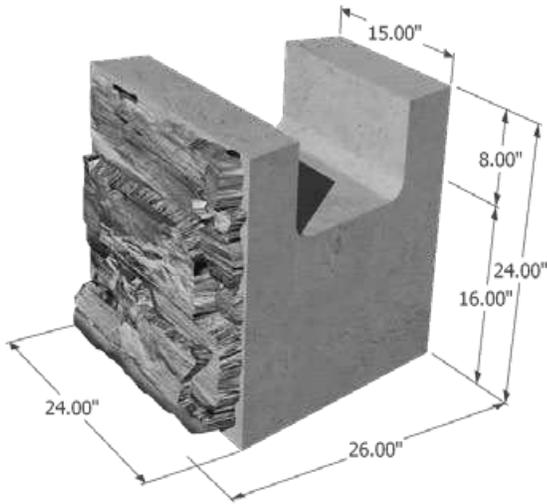
Weight	161.63 lbs	73.22 kg
<b>Volume</b>	<b>1.81 ft<sup>3</sup></b>	<b>0.051 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	841.63 lbs	381.26 kg
Center of Gravity	11.40 "	289.56 mm
<b>Volume</b>	<b>6.6 ft<sup>3</sup></b>	<b>0.187 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m<sup>3</sup>) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# HALF-WIDE BLOCK



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±26 "	±660 mm
Face Width	24 "	610 mm
Back Width	15 "	380 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	835 lbs	378 kg
Center of Gravity	10.79 "	274.07 mm
<b>Volume</b>	<b>5.8 ft<sup>3</sup></b>	<b>0.164 m<sup>3</sup></b>

## AGGREGATE VOID

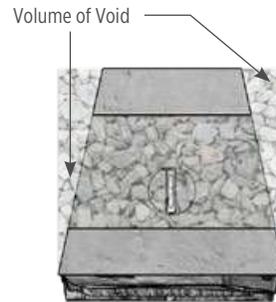
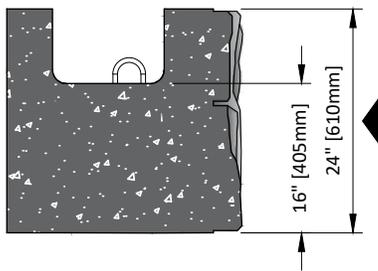
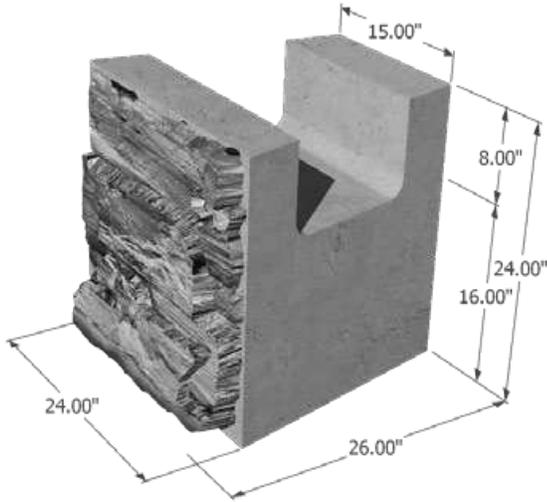
Weight	221.46 lbs	100.32 kg
<b>Volume</b>	<b>2.48 ft<sup>3</sup></b>	<b>0.070 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	1056.46 lbs	478.58 kg
Center of Gravity	12.38 "	314.45 mm
<b>Volume</b>	<b>8.28 ft<sup>3</sup></b>	<b>0.234 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m<sup>3</sup>) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# HALF-WIDE BASE BLOCK



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±26 "	±660 mm
Face Width	24 "	610 mm
Back Width	15 "	380 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	823 lbs	373 kg
Center of Gravity	10.96 "	278.38 mm
<b>Volume</b>	<b>5.72 ft<sup>3</sup></b>	<b>0.162 m<sup>3</sup></b>

## AGGREGATE VOID

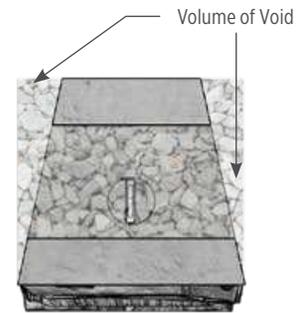
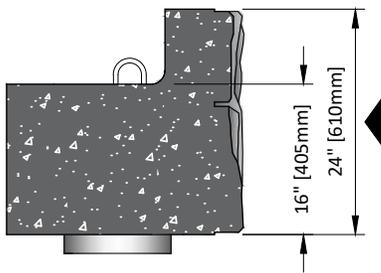
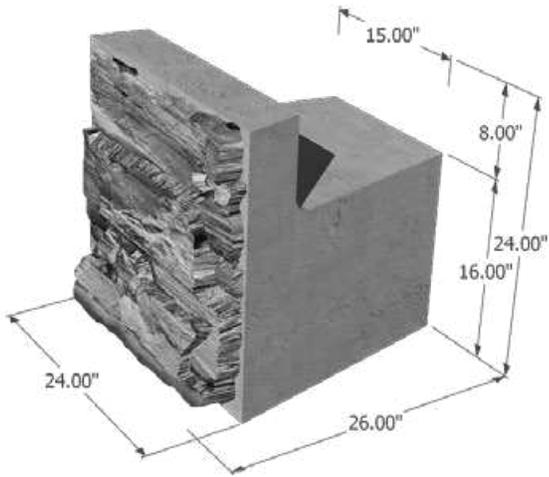
Weight	221.46 lbs	100.32 kg
<b>Volume</b>	<b>2.48 ft<sup>3</sup></b>	<b>0.070 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	1044.46 lbs	473.14 kg
Center of Gravity	12.43 "	315.72 mm
<b>Volume</b>	<b>8.21 ft<sup>3</sup></b>	<b>0.232 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m<sup>3</sup>) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# HALF-WIDE TOP BLOCK



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±26 "	±660 mm
Face Width	24 "	610 mm
Back Width	15 "	380 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	760 lbs	345 kg
Center of Gravity	9.98 "	253.49 mm
<b>Volume</b>	<b>5.72 ft<sup>3</sup></b>	<b>0.162 m<sup>3</sup></b>

## AGGREGATE VOID

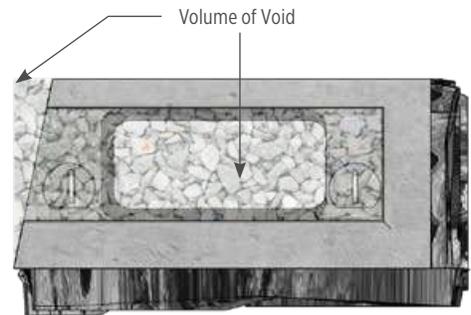
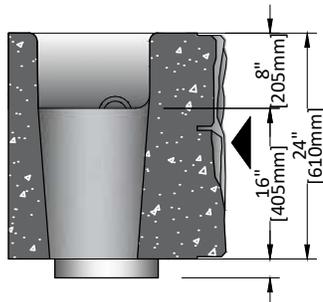
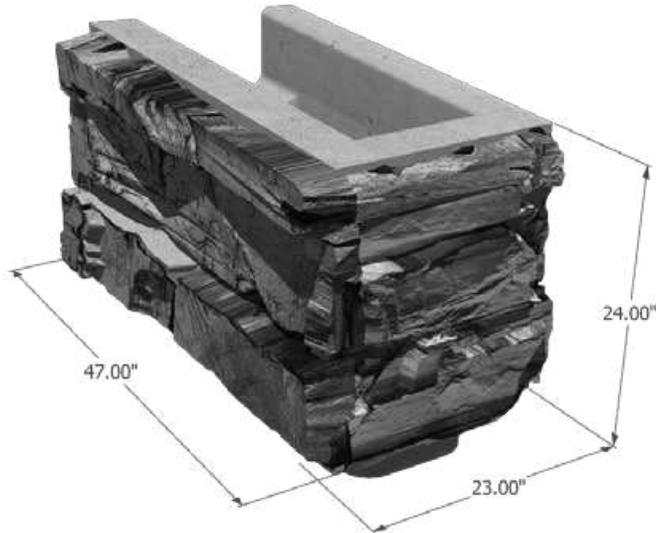
Weight	86.62 lbs	39.24 kg
<b>Volume</b>	<b>0.97 ft<sup>3</sup></b>	<b>0.027 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	846.62 lbs	383.52 kg
Center of Gravity	12.43 "	315.72 mm
<b>Volume</b>	<b>6.39 ft<sup>3</sup></b>	<b>0.180 m<sup>3</sup></b>

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# CORNER BLOCK



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±47 "	± 1195 mm
Face Width	±23 "	±584.2 mm
Back Width	± 43 "	±584.2 mm
Face Area	11.67 ft <sup>2</sup>	1.08 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	1700 lbs	771.11 kg
Center of Gravity	10.06 "	270.51 mm
<b>Volume</b>	<b>10.09 ft<sup>3</sup></b>	<b>0.285 m<sup>3</sup></b>

## AGGREGATE VOID

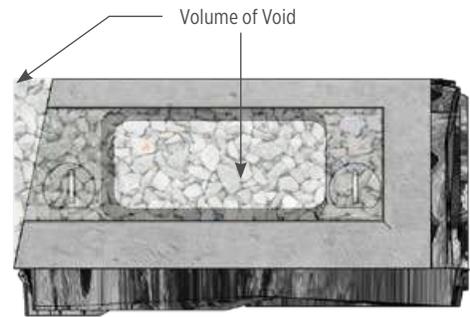
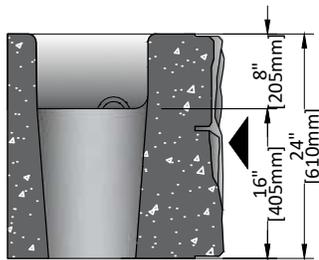
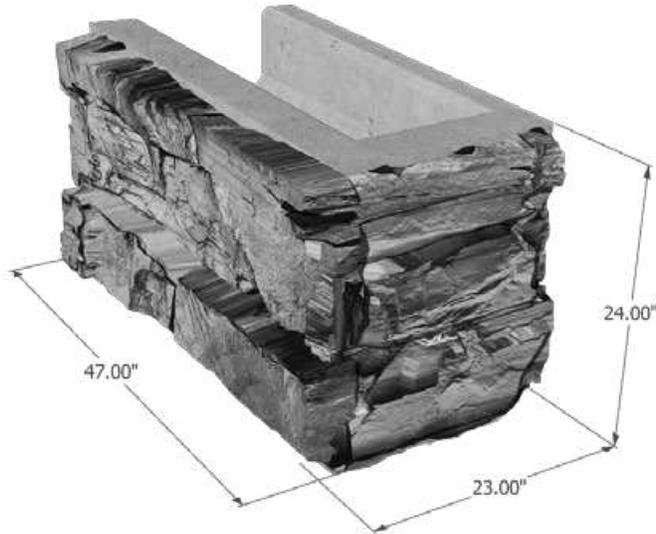
Weight	433.11 lbs	196.20 kg
<b>Volume</b>	<b>4.85 ft<sup>3</sup></b>	<b>0.137 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	2133.11 lbs	966.30 kg
Center of Gravity	11.49 "	291.84 mm
<b>Volume</b>	<b>15.12 ft<sup>3</sup></b>	<b>0.428 m<sup>3</sup></b>

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# CORNER BASE BLOCK



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±47 "	± 1195 mm
Face Width	±23 "	±584.2 mm
Back Width	± 43 "	±584.2 mm
Face Area	11.67 ft <sup>2</sup>	1.08 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	1675 lbs	760 kg
Center of Gravity	10.24 "	270.51 mm
<b>Volume</b>	<b>10.12 ft<sup>3</sup></b>	<b>0.29 m<sup>3</sup></b>

## AGGREGATE VOID

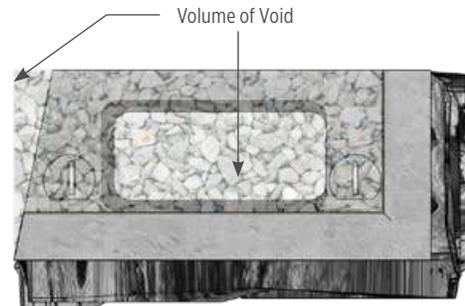
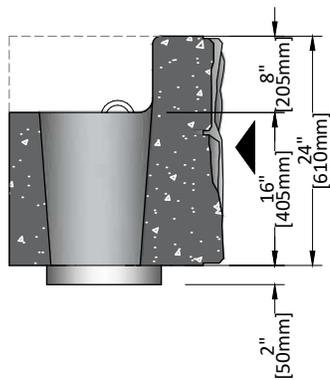
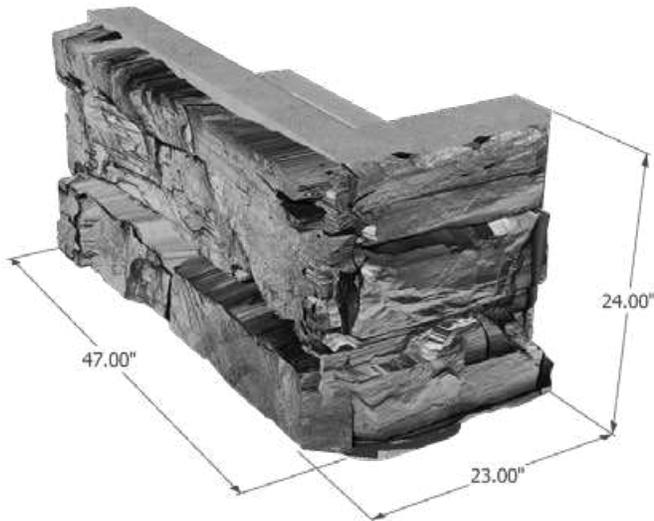
Weight	433.11 lbs	196.20 kg
<b>Volume</b>	<b>4.85 ft<sup>3</sup></b>	<b>0.137 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	2108.11 lbs	954.97 kg
Center of Gravity	11.55 "	293.37 mm
<b>Volume</b>	<b>14.97 ft<sup>3</sup></b>	<b>0.424 m<sup>3</sup></b>

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# CORNER TOP BLOCK



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Depth	±47 "	± 1195 mm
Face Width	±23 "	±584.2 mm
Back Width	± 43 "	±584.2 mm
Face Area	11.67 ft <sup>2</sup>	1.08 m <sup>2</sup>
Setback	2.4°	2.4°
Weight	1500 lbs	680.4 kg
Center of Gravity	10.06 "	270.51 mm
<b>Volume</b>	<b>9.77 ft<sup>3</sup></b>	<b>0.276 m<sup>3</sup></b>

## AGGREGATE VOID

Weight	234.86 lbs	106.39 kg
<b>Volume</b>	<b>2.63 ft<sup>3</sup></b>	<b>0.074 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

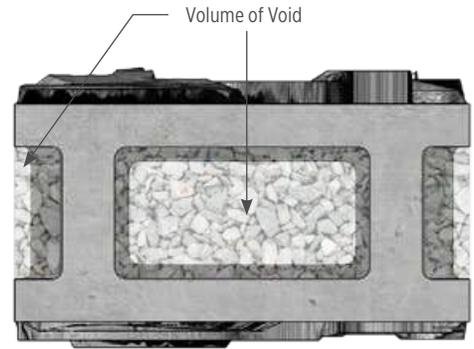
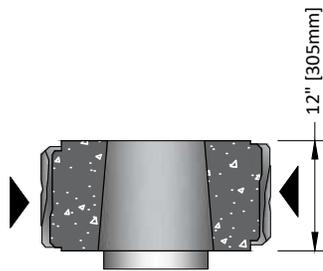
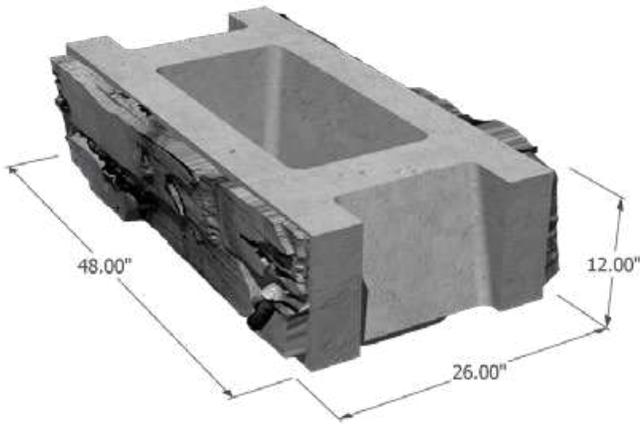
Total Weight	1734.86 lbs	785.89 kg
Center of Gravity	10.54 "	267.72 mm
<b>Volume</b>	<b>12.4 ft<sup>3</sup></b>	<b>0.351 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m<sup>3</sup>) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# 2-SIDED FREESTANDING BLOCK

SOIL SEPARATING  
FILTER FABRIC

COMPACTED  
BACKFILL



## UNIT SPECIFICATIONS

Height	12 "	305 mm
Depth	48 "	1220 mm
Face Width	±26 "	± 660 mm
Back Width	48 "	1220 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	0°	0°
Weight	900 lbs	408 kg
Center of Gravity	10.24 "	260.0 mm
<b>Volume</b>	<b>6.66 ft<sup>3</sup></b>	<b>0.188 m<sup>3</sup></b>

## AGGREGATE VOID

Weight	188.42 lbs	85.36 kg
<b>Volume</b>	<b>2.11 ft<sup>3</sup></b>	<b>0.06 m<sup>3</sup></b>

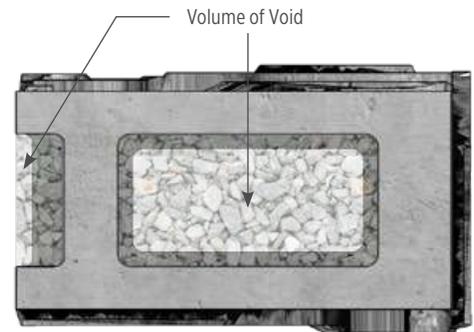
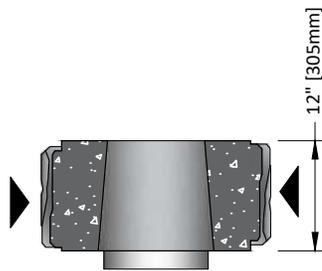
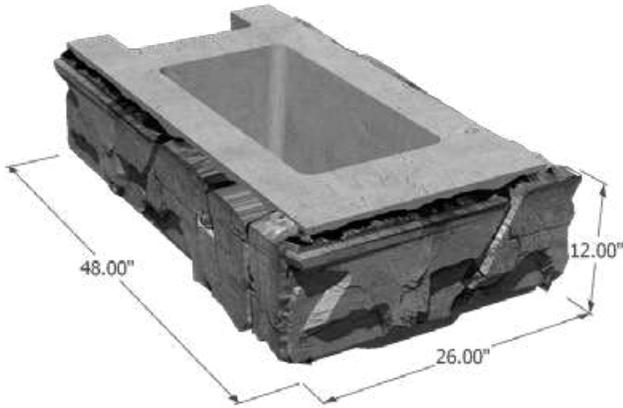
## COMBINED = UNIT + AGGREGATE

Total Weight	1088.42 lbs	493.06 kg
Center of Gravity	13.00 "	330 mm
<b>Volume</b>	<b>8.74 ft<sup>3</sup></b>	<b>0.25 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m<sup>3</sup>) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# 3-SIDED FREESTANDING BLOCK

SOIL-SEPARATING  
FILTER FABRIC



## UNIT SPECIFICATIONS

Height	12 "	305 mm
Depth	±48 "	±1220 mm
Face Width	±26 "	± 660 mm
Back Width	±48 "	±1220 mm
Face Area	4 ft <sup>2</sup>	0.37 m <sup>2</sup>
Setback	0°	0°
Weight	915 lbs	415.03 kg
Center of Gravity	12.98 "	329.69 mm
<b>Volume</b>	<b>6.91 ft<sup>3</sup></b>	<b>0.195 m<sup>3</sup></b>

## AGGREGATE VOID

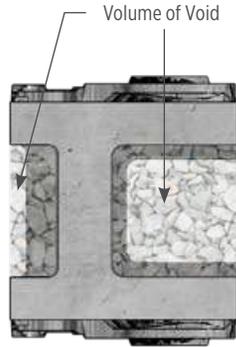
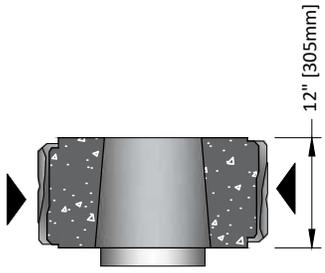
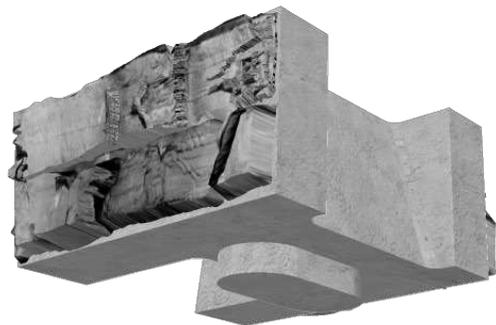
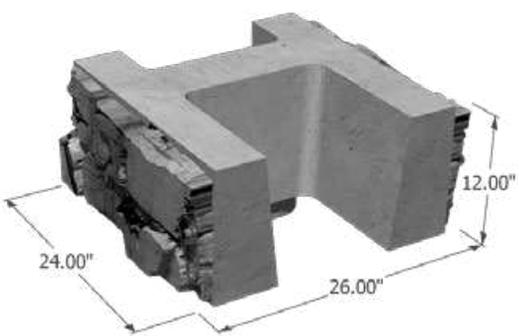
Weight	158.06 lbs	71.60 kg
<b>Volume</b>	<b>1.77 ft<sup>3</sup></b>	<b>0.050 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

Total Weight	1073.06 lbs	486.10 kg
Center of Gravity	13.00 "	330 mm
<b>Volume</b>	<b>8.77 ft<sup>3</sup></b>	<b>0.25 m<sup>3</sup></b>

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# 2-SIDED QUARTER BLOCK



### UNIT SPECIFICATIONS

Height	12 "	305 mm
Depth	24 "	610 mm
Face Width	±26 "	± 660 mm
Back Width	24 "	610 mm
Face Area	2 ft <sup>2</sup>	0.185 m <sup>2</sup>
Setback	0°	0°
Weight	450 lbs	204kg
Center of Gravity	10.24 "	270.51 mm
<b>Volume</b>	<b>3.33 ft<sup>3</sup></b>	<b>0.094 m<sup>3</sup></b>

### AGGREGATE VOID

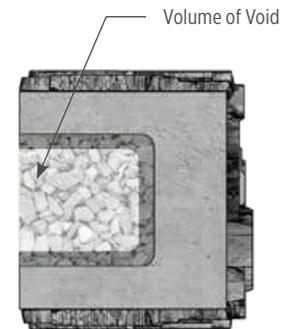
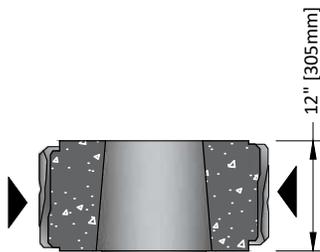
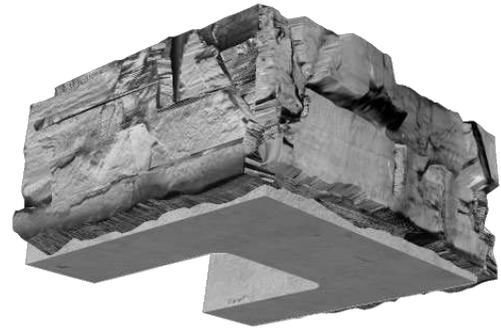
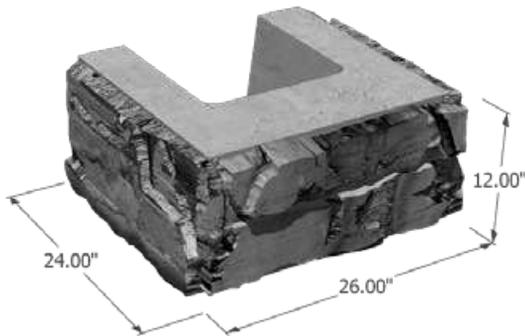
Weight	91.09 lbs	41.26 kg
<b>Volume</b>	<b>1.02 ft<sup>3</sup></b>	<b>0.029 m<sup>3</sup></b>

### COMBINED = UNIT + AGGREGATE

Total Weight	541.09 lbs	245.11 kg
Center of Gravity	13.0 "	330 mm
<b>Volume</b>	<b>4.35 ft<sup>3</sup></b>	<b>0.123 m<sup>3</sup></b>

\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m3) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# 3-SIDED QUARTER BLOCK



## UNIT SPECIFICATIONS

Height	12 "	305 mm
Depth	±24 "	±610 mm
Face Width	±26 "	±660 mm
Back Width	±24 "	±610 mm
Face Area	2 ft <sup>2</sup>	0.185 m <sup>2</sup>
Setback	0°	0°
Weight	450 lbs	204 kg
Center of Gravity	10.24 "	270.51 mm
<b>Volume</b>	<b>3.5 ft<sup>3</sup></b>	<b>0.10 m<sup>3</sup></b>

## AGGREGATE VOID

Weight	66.98 lbs	30.34 kg
<b>Volume</b>	<b>0.75 ft<sup>3</sup></b>	<b>0.021 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

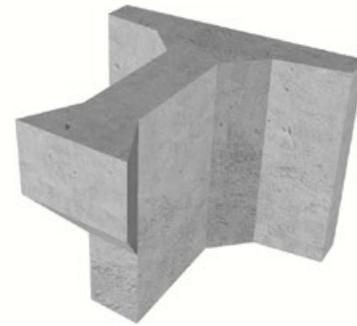
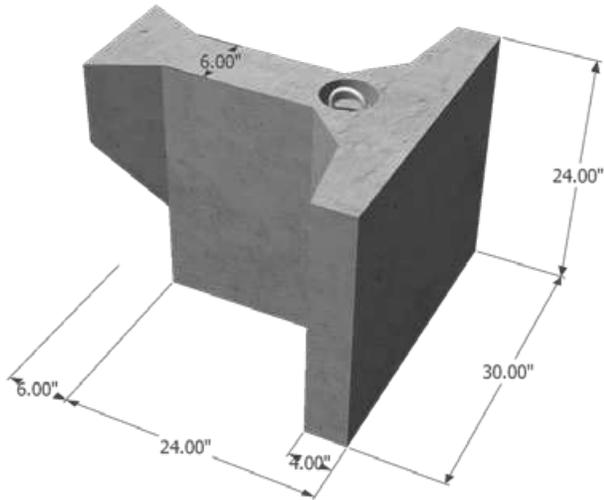
Total Weight	516.98 lbs	234.19 kg
Center of Gravity	13.0 "	330.2 mm
<b>Volume</b>	<b>4.25 ft<sup>3</sup></b>	<b>0.120m<sup>3</sup></b>

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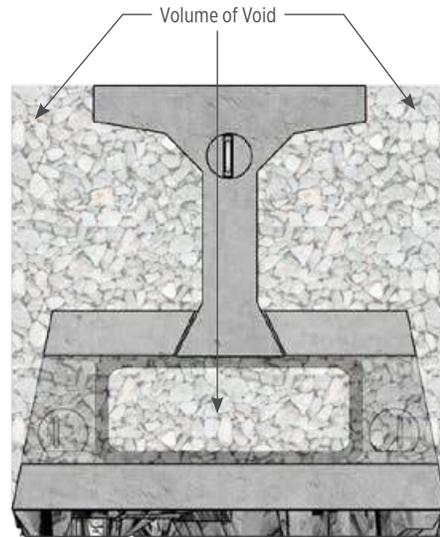
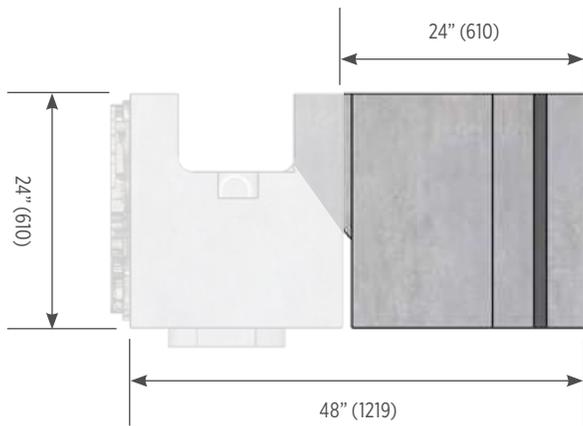
# SHORT EXTENDER

SOIL SEPARATING  
FILTER FABRIC

COMPACTED  
BACKFILL



WEIGHT 523 LBS 236 KGS



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Width	30 "	765 mm
Extended Length	24 "	610 mm
Weight	520 lbs	236 kg
Center of Gravity	14.75 "	374.65 mm
<b>Volume</b>	<b>4.22 ft<sup>3</sup></b>	<b>0.120 m<sup>3</sup></b>

## AGGREGATE VOID

Weight	1085.89 lbs	491.91 kg
<b>Volume</b>	<b>12.16 ft<sup>3</sup></b>	<b>0.74 m<sup>3</sup></b>

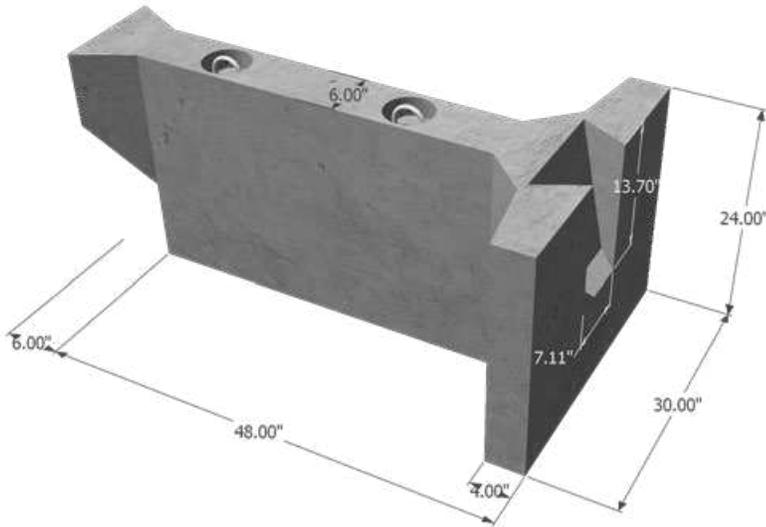
## COMBINED = UNIT + AGGREGATE

Total Weight	1605.89 lbs	727.47 kg
Center of Gravity	11.69 "	296.93 mm
<b>Volume</b>	<b>16.38 ft<sup>3</sup></b>	<b>0.464 m<sup>3</sup></b>

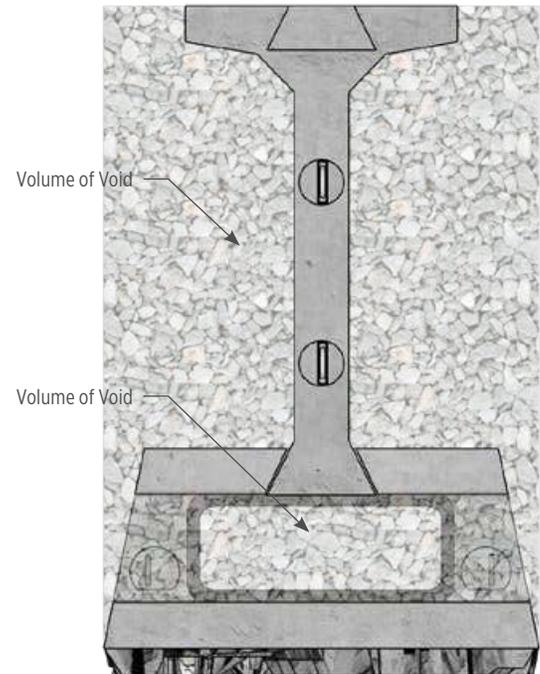
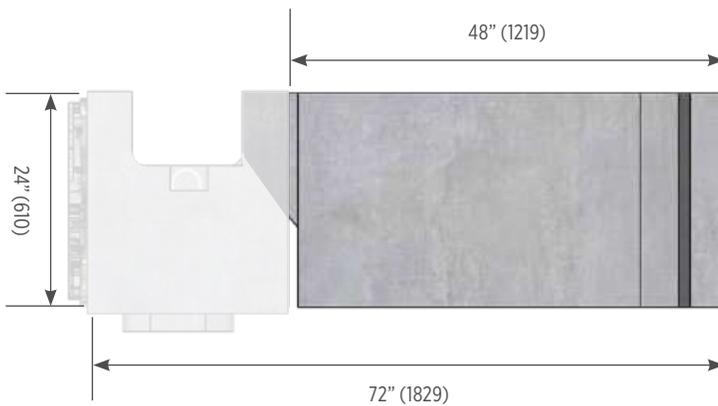
\*Face Style Varies Check with local producer / Weights and dimensions are nominal. Assumption: Concrete = 143 pcf (22.5 Kn/m3) / Aggregate 110 pcf (5.267). The user is responsible for the final design and use of the CornerStone® products.

# LONG EXTENDER

SOIL SEPARATING  
FILTER FABRIC



WEIGHT 820 LBS 372 KGS



## UNIT SPECIFICATIONS

Height	24 "	610 mm
Width	30 "	765 mm
Extended Length	48 "	1220 mm
Weight	820 lbs	204 kg
Center of Gravity	27.96 "	372 mm
<b>Volume</b>	<b>5.91 ft<sup>3</sup></b>	<b>0.167 m<sup>3</sup></b>

## AGGREGATE VOID

Weight	2339.66 lbs	1059.87 kg
<b>Volume</b>	<b>26.2 ft<sup>3</sup></b>	<b>0.74 m<sup>3</sup></b>

## COMBINED = UNIT + AGGREGATE

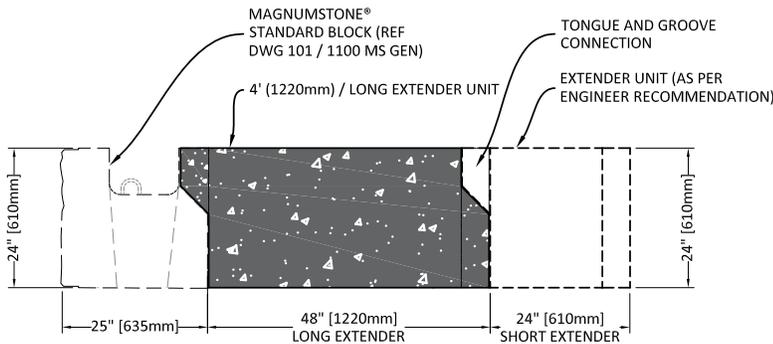
Total Weight	3159.66 lbs	1431.33 kg
Center of Gravity	23.5 "	596.9 mm
<b>Volume</b>	<b>32.10 ft<sup>3</sup></b>	<b>0.91 m<sup>3</sup></b>

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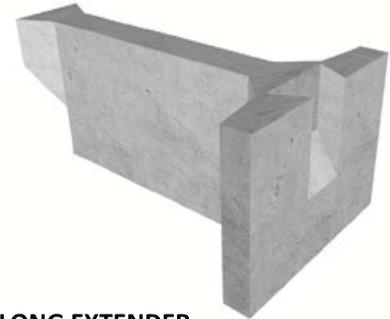
# EXTENDER UNITS

## EXTENDER UNIT - GENERAL NOTE:

- Extender units to be attached onto magnumstone® standard, base block or another extender unit to create deeper blocks and add mass from the standard magnumstone® block
- Extender units use a tongue-and-groove connection to lock into the back of a provided groove of the standard magnumstone® block or long extender unit
- Extender units are chained together in 2' [610 mm] increments. The number of extenders may be determined by the engineer on record through the design analysis software.



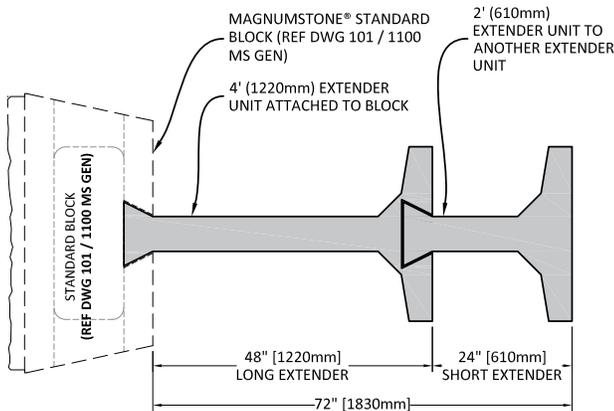
**TYPICAL CROSS SECTION**



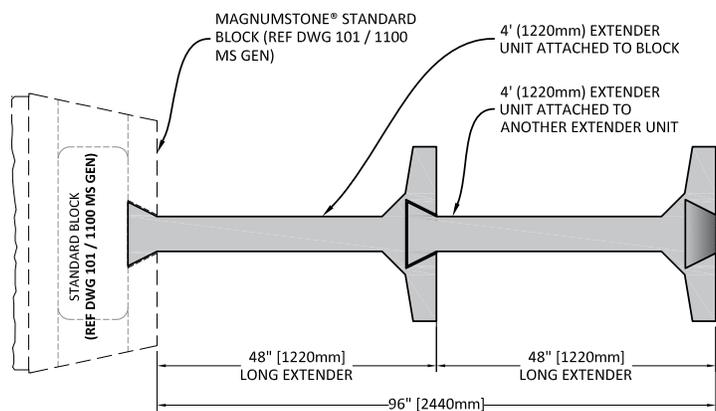
**LONG EXTENDER**



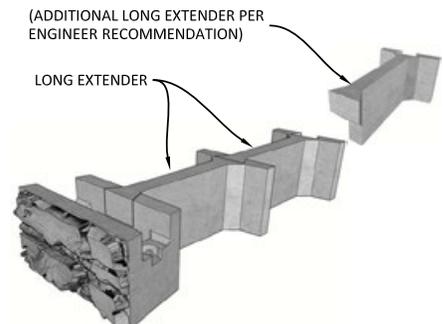
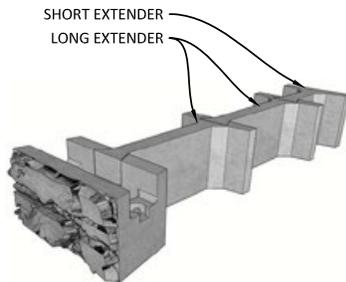
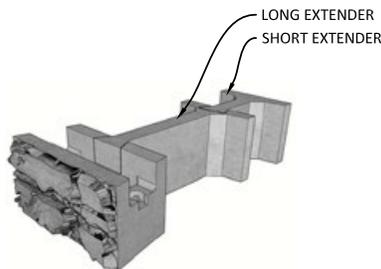
**SHORT EXTENDER**



**EXTENDER OPTION 01**



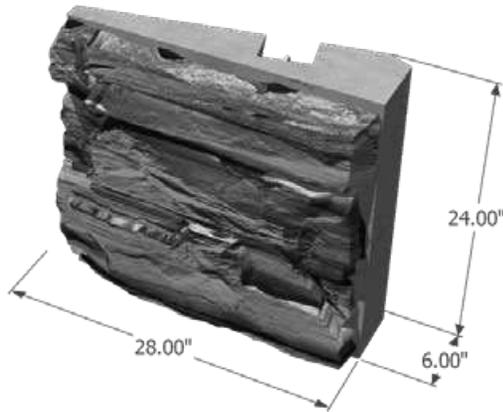
**EXTENDER OPTION 02**



**EXTENDER OPTION 03**

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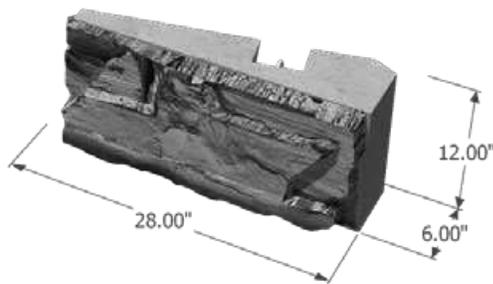
# UNIVERSAL CAPPING UNITS



## END CAP UNIT

Top Narrow Width	±28 "	±710 mm
Top Narrow Face	±4 "	±110 mm
Height	24 "	610 mm
Weight	340 lbs	154 kg
Face Area	4.66 ft <sup>2</sup>	0.44 m <sup>2</sup>

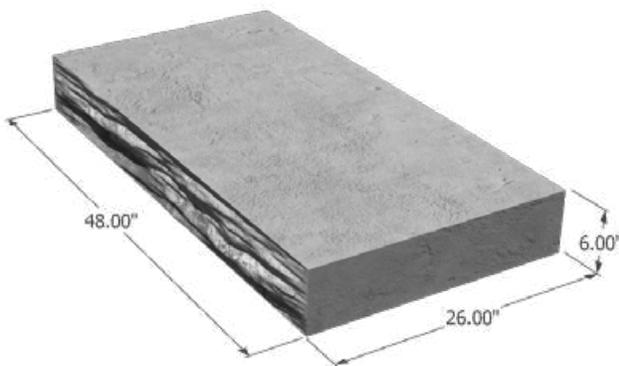
\*Face width will vary depending on face textures  
(Check with local producer)



## HALF-HEIGHT END CAP UNIT

Top Narrow Width	±28 "	±610 mm
Top Narrow Face	±4 "	110 mm
Height	12 "	305 mm
Weight	170 lbs	77 kg
Face Area	2.33 ft <sup>2</sup>	0.22 m <sup>2</sup>

\*Face width will vary depending on face textures  
(Check with local producer)



## STEP/CAP UNIT

Height	48 "	1220mm
Depth	48 "	1220mm
Narrow Width	26 "	660 mm
Height	6 "	165 mm
Weight	580 lbs	263 kg
Face Area	2.0 ft <sup>2</sup>	0.186 m <sup>2</sup>

\*Face width will vary depending on face textures  
(Check with local producer)

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