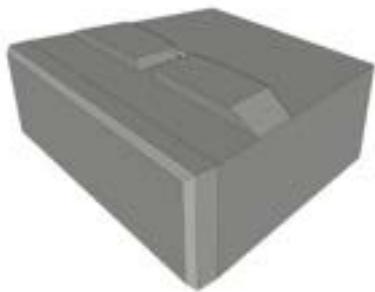


Fulton Hogan Recon Wall Systems

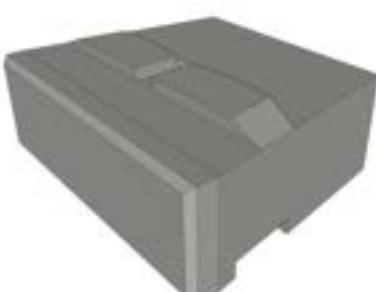


Product Information Sheet

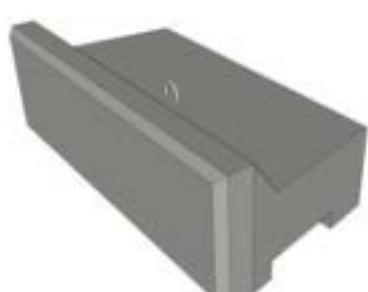
Fulton Hogan Precast are the only certified manufacturers and suppliers of Recon Retaining Wall Systems in New Zealand. Recon Wall Systems offer a durable, sustainable and efficient solution for either gravity or geogrid reinforced retaining walls that can sustain the toughest climates and heaviest of loads.



Base block



Middle block



Top block

Key Features and Benefits

- Fast and cost effective.
- Doesn't require filling of voids.
- Various sizes and shapes.
- Various face finish types.
- Moulds are portable for remote projects.
- Aesthetically pleasing.
- Robust.
- Minimizes manual labour.
- Easy to install.
- Resistant to the elements.



Contact us for more information:

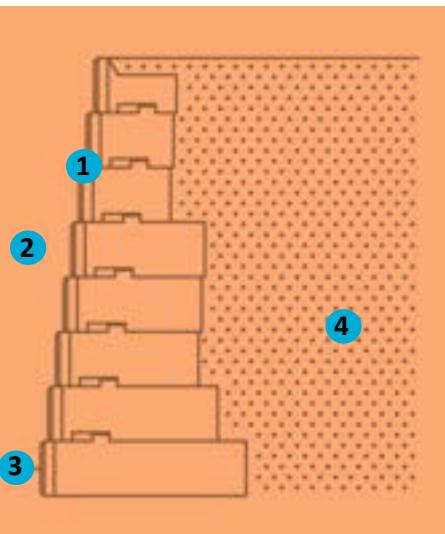
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Gravity Retaining Walls



① Retaining Wall Block

Recon gravity blocks represent the workhorse of the wall system. With a 2.54cm setback per course and ranging in depth from 61cm to 213.4cm (custom depths up to 335.3cm), proper wall performance and design can be achieved in a variety of conditions.

② Site Geometry

In addition to wall heights, lengths, and layout, site-plans (grading plans) offer additional information about adjacent structures, surcharges, site access, property lines, utility locations and site drainage.

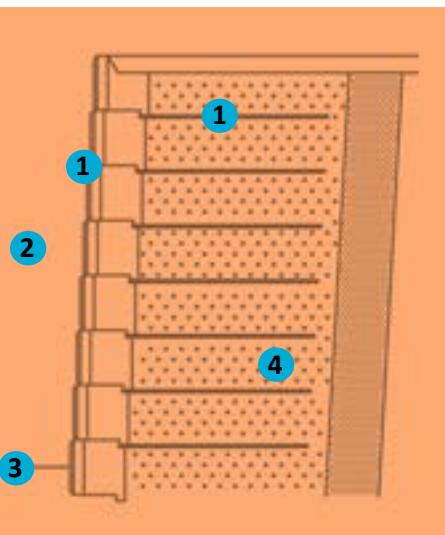
③ Wall Geometry

The geometry will be dictated by the specifics of the project site and topography. Geometry for each wall generally consists of: wall length, wall height and the location of corners and curves.

④ Soil Information

Soil is one of the main components of the structure. Soils come in numerous types and compositions. Therefore, Soil properties are used in the wall analysis to predict a wall's overall performance.

Geogrid Reinforced Retaining Walls



① Retaining Wall Block and Geogrid

Recon's 40.6cm or 61cm deep block combined with geogrid creates a solid, reinforced mass to ensure proper wall performance and design for mechanically stabilized earth (MSE) applications.

② Site Geometry

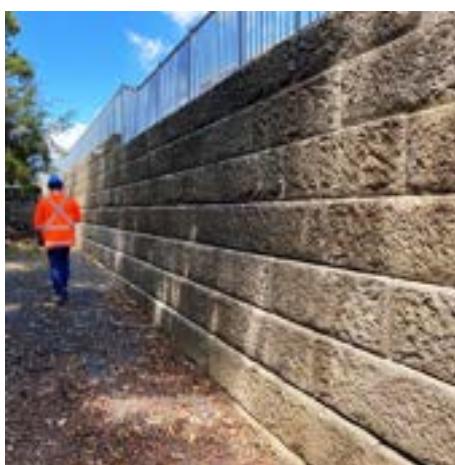
In addition to wall heights, lengths, and layout, site-plans (grading plans) offer additional information about adjacent structures, surcharges, site access, property lines, utility locations and site drainage.

③ Wall Geometry

The geometry will be dictated by the specifics of the project site and topography. Geometry for each wall generally consists of: wall length, wall height and the location of corners and curves.

④ Soil Information

Soil is one of the main components of the structure. Soils come in numerous types and compositions. Therefore, Soil properties are used in the wall analysis to predict a wall's overall performance.

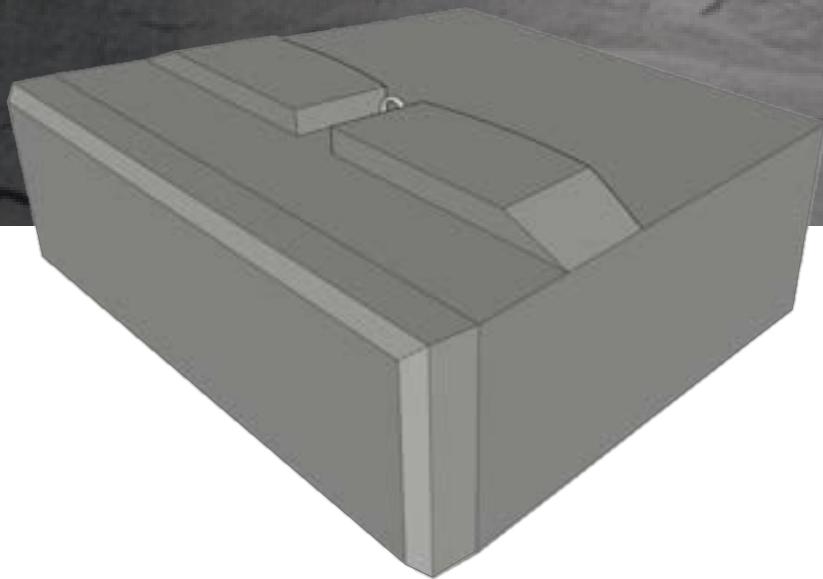


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Base block



Wall Coverage

0.5 m²

Front Face Dimensions

50.6cm x 121.9cm

Batter

3.6°

UNIT ID	DEPTH	WEIGHT	VOLUME
	CM	KG	M ³

60B	60.96	672	0.29
100B	99.06	1012	0.44
115B	114.30	1138	0.49
150B	60.96	1423	0.61
165B	167.64	1581	0.68
180B	182.88	1692	0.73
200B	198.12	1801	0.78
215B	213.36	1912	0.82

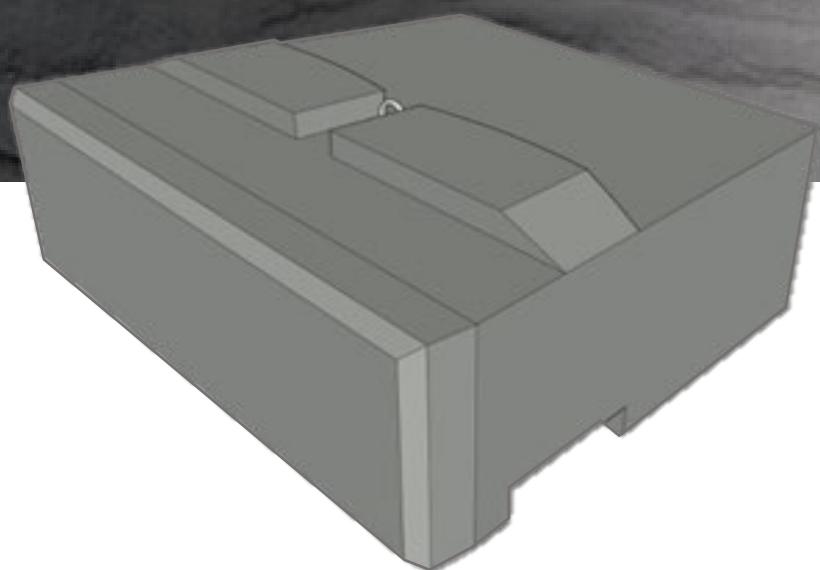
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Middle block



Wall Coverage

0.5 m²

Front Face Dimensions

40.64cm x 121.9cm

Batter

3.6°

UNIT ID	DEPTH CM	WEIGHT KG	VOLUME M ³
60M	60.96	629	0.27
100M	99.06	975	0.42
115M	114.30	1103	0.47
150M	60.96	1386	0.60
165M	167.64	1534	0.66
180M	182.88	1645	0.71
200M	198.12	1755	0.76
215M	213.36	1865	0.80

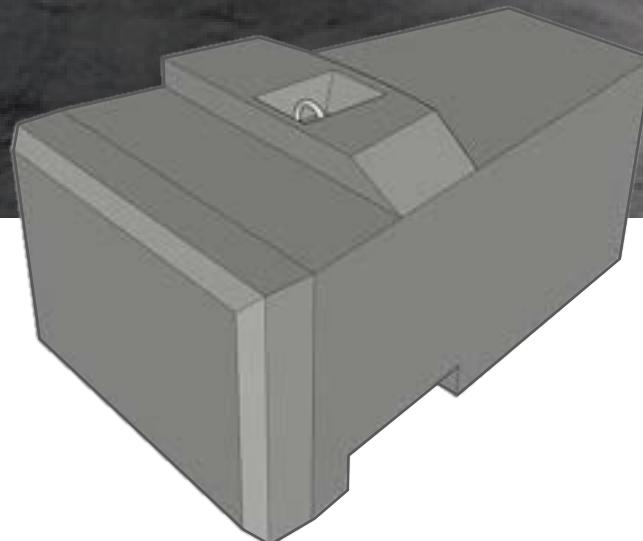
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Half block



Wall Coverage

0.25 m²

Front Face Dimensions

40.64cm x 60.96cm

Batter

3.6°

UNIT ID

DEPTH

WEIGHT

VOLUME

CM

KG

M³

60H

60.96

298

0.13

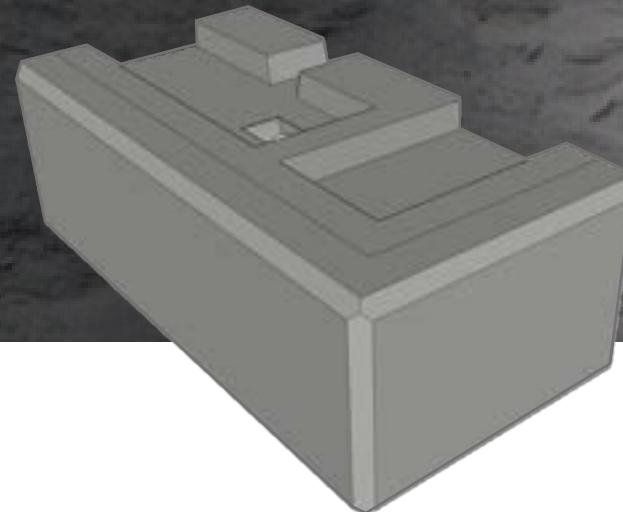
100H

99.06

437

0.19

Reversible Corner



Unit area

0.74 m²

Dimensions (L x H x Depth)

121.92cm x 40.64cm x 60.96cm

Batter

3.6°

UNIT ID

DEPTH

WEIGHT

VOLUME

CM

KG

M³

C (L/R)

60.96

298

0.13

Contact us for more information:

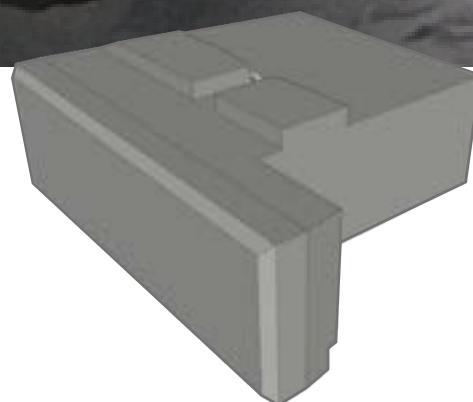
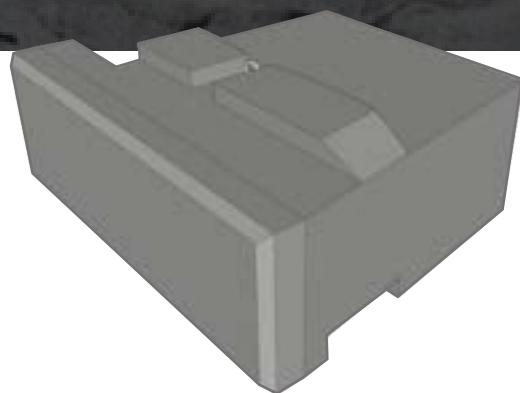
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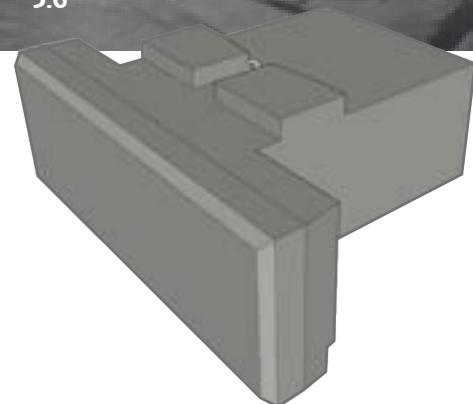
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Left, Right and Double Fitting Block



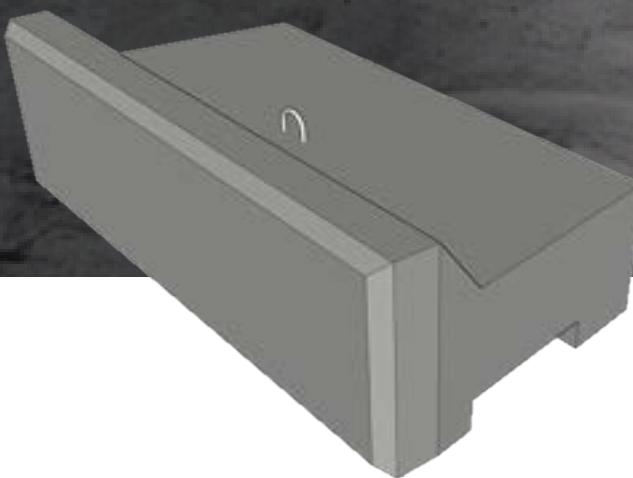
Batter

3.6°



UNIT ID	DEPTH CM	WEIGHT KG	VOLUME M ³
60FIT (L/R)	60.96	542	0.23
100FIT (L/R)	99.06	822	0.35
60FITD	60.96	454	0.20
100FITD	99.06	672	0.29

Top Block



Wall Coverage

0.5 m²

Dimensions

40.64cm x 121.92cm

Batter

3.6°

UNIT ID	DEPTH CM	WEIGHT KG	VOLUME M ³
60T	60.96	454	0.20
100T	99.06	687	0.30

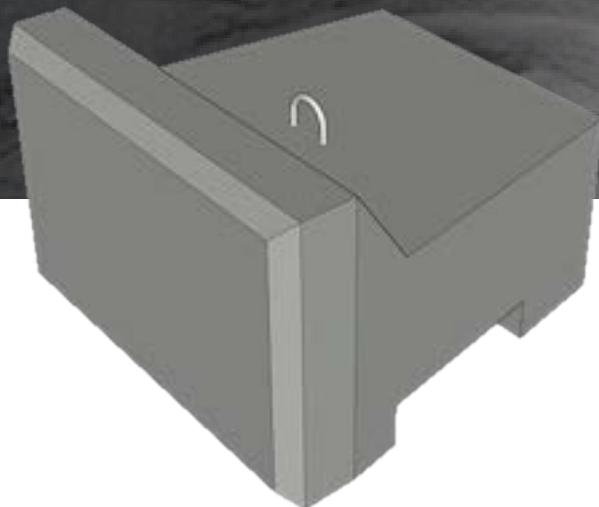
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Half Top Block



Wall Coverage

0.25 m²

Dimensions

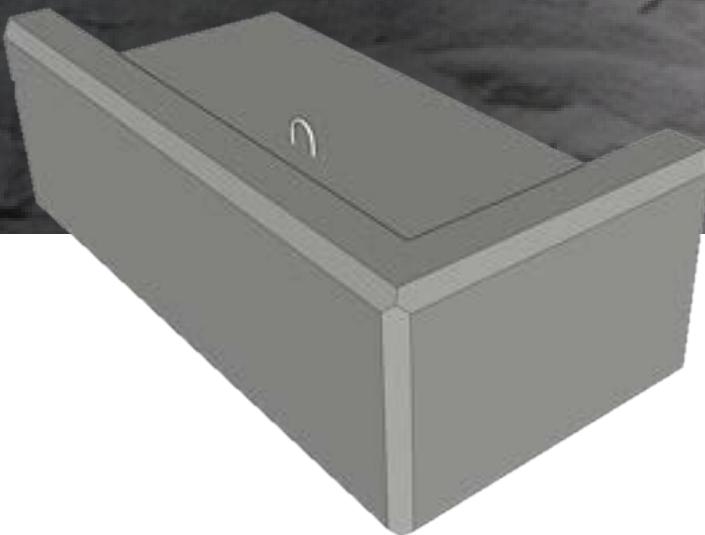
40.64cm x 60.64cm

Batter

3.6°

UNIT ID	DEPTH CM	WEIGHT KG	VOLUME M ³
60HT	60.96	218	0.09
100HT	99.06	313	0.13

Corner Top Block



Unit area

0.74 m²

Dimensions (L x H x Depth)

121.92cm x 40.64cm x 60.96cm

Batter

3.6°

UNIT ID	DEPTH CM	WEIGHT KG	VOLUME M ³
CT (L/R)	60.96	503	0.22

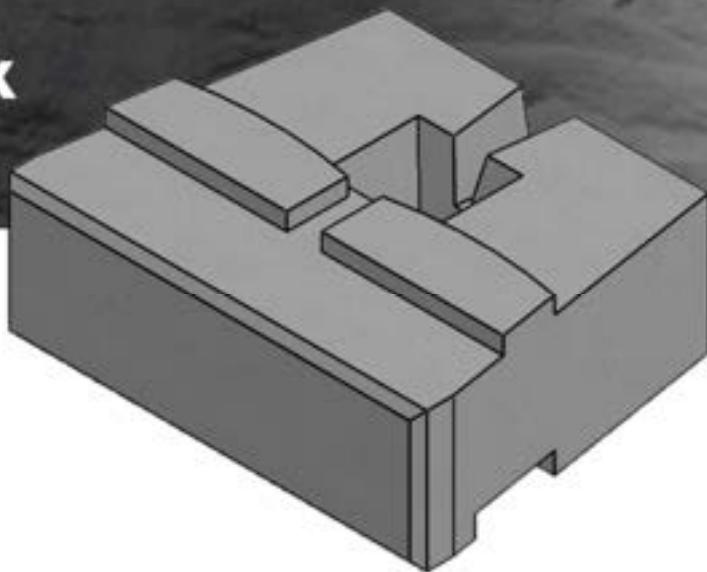
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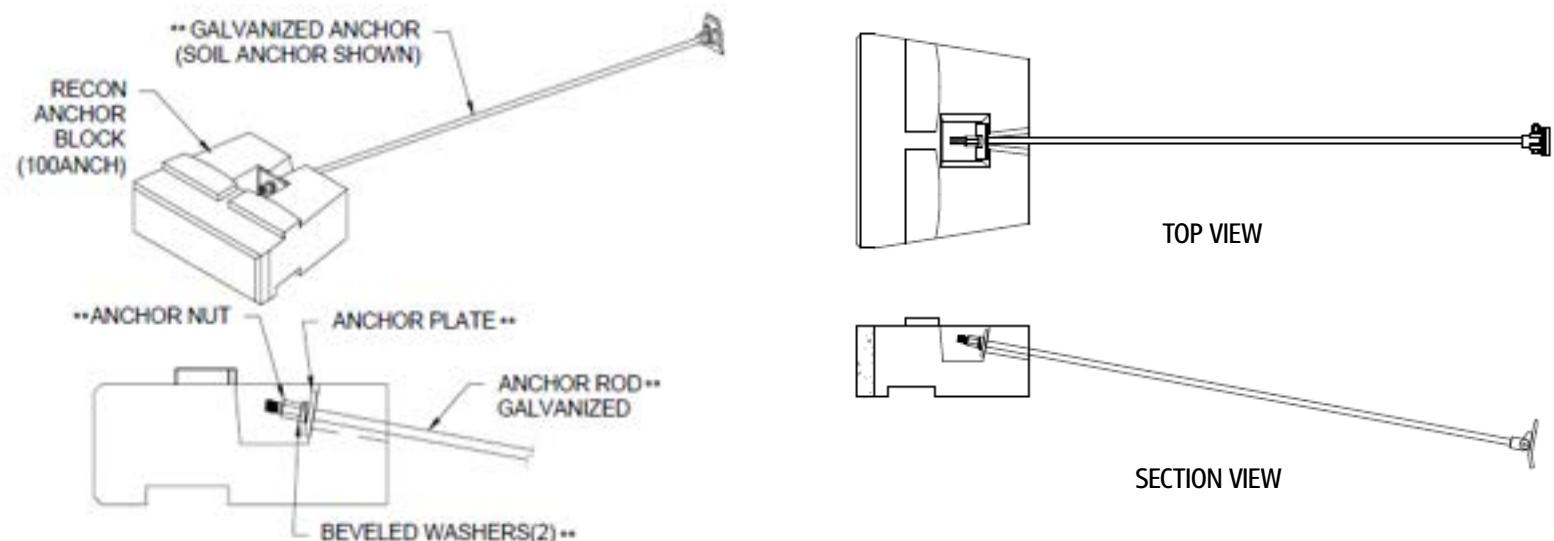
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Anchor/Soil Nailing Block



UNIT ID	DEPTH CM	WEIGHT KG	VOLUME M ³
100ANCH	99.06	301	0.13



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