

The Blocks

The following guidelines aim to provide detailed information on the different precast concrete elements Interbloc™ offers. The following guidelines should be read in conjunction with any design parameters specified by a consulting engineer.

1. 1200 Block

The 1200 block forms the heart of the Interbloc system.

1.1 Key Information

Dimensions	1200mm x 600mm x 600mm
Weight	998 kg
Reinforcing Ducts	600 centres
Lifting Mechanism	1 x 1.3t Lifting anchor in centre of block
Facial M ²	0.72m
Volume	0.42m ³

Block Wall Height	PSI
1 – (.6m high)	4.58
2 – (1.2m high)	9.16
3 – (1.8m high)	13.74
4 – (2.4m high)	18.32
5 – (3m high)	22.90
6 – (3.6m high)	27.48
7 – (4.2m high)	32.06

Ground Loading:

1.2 Interlocking System

50mm high x 165mm wide protruding tong on top of the block in the shape of two crosses which correspond with the groove on the bottom of each block.

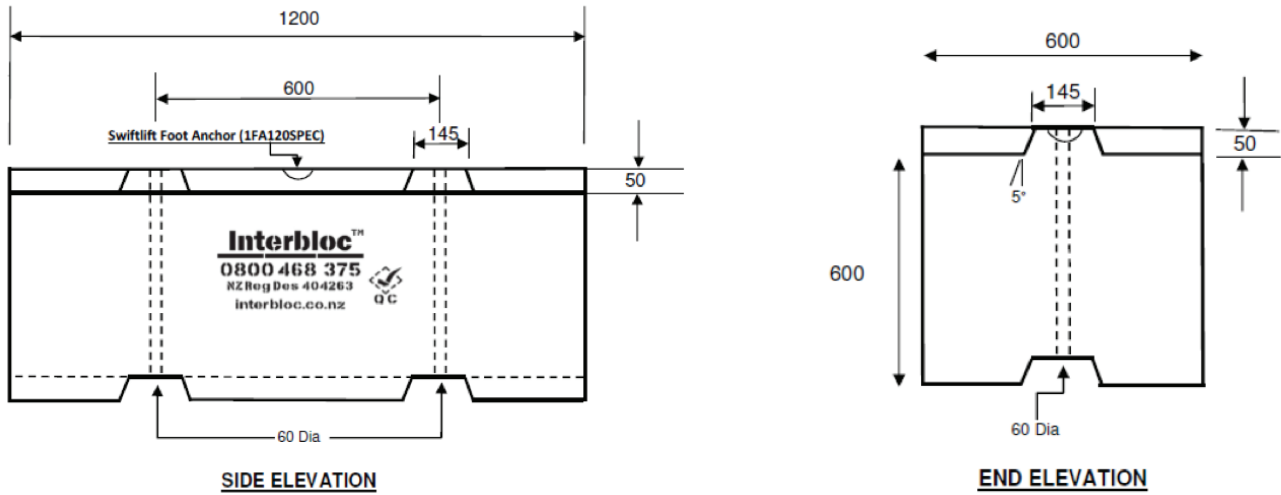
1.3 Applications

The 1200 block is the standard block for use when constructing any Interbloc wall.

1.4 Variations

Type	Application
1200 Standard	The standard block used in majority of projects as main block. Comes in two grades, Engineered and Ag. Refer to sheet [1.4] for more information.
1200 Flat Top	Used to finish the top of walls with a flat, level surface.
1200 Flat Bottom	Used on the bottom course of a wall where no holes can be present. Cannot be used on walls requiring reinforcing.
1200 Capper	Caps walls for bulk storage bins where the accumulation of bulk material at the top of the wall would be an issue.

1.5 Unit Geometry



2. 1800 Block

The 1800 block is used to finish walls flush.

2.1 Key Information

Dimensions	1800mm x 600mm x 600mm
Weight	1497 kg
Reinforcing Ducts	600 centres
Lifting Mechanism	2 x 1.3t Lifting anchor in centre of block
Facial M ²	1.08m
Volume	0.64m ³

Block Height	PSI
1 – (.6m high)	6.87

Ground Loading

2.2 Interlocking System

50mm high x 165mm wide protruding tong on top of the block in the shape of three crosses which correspond with the groove on the bottom of each block.

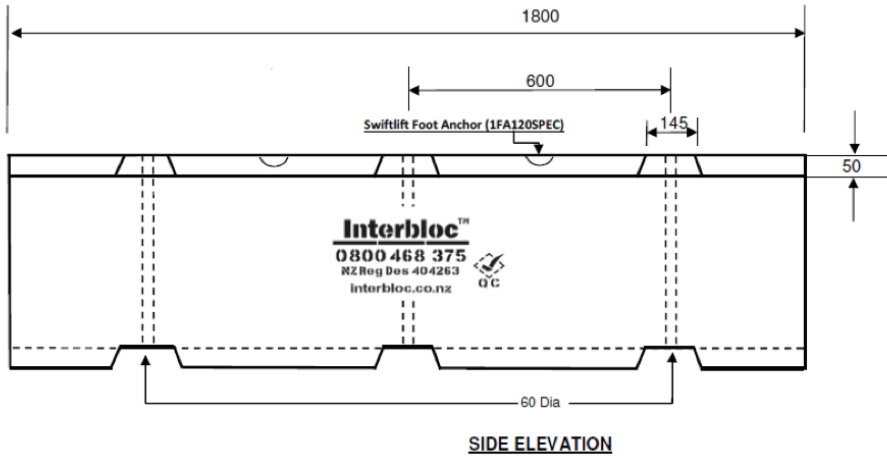
2.3 Applications

The 1800 block is used to finish walls flush.

2.4 Variations

Type	Application
1800 Standard	The standard block used in majority of projects as main block. Comes in two grades, Engineered and Ag. Refer to sheet [1.4] for more information.
1800 Flat Top	Used to finish the top of walls with a flat, level surface.
1800 Flat Bottom	Used on the bottom course of a wall where no holes can be present. Cannot be used on walls requiring reinforcing.
1800 Capper	Caps walls for bulk storage bins where the accumulation of bulk material at the top of the wall would be an issue.

2.5 Unit Geometry



3. 600 Block

The 1600 block is used to finish walls flush.

3.1 Key Information

Dimensions	600mm x 600mm x 600mm
Weight	499 kg
Reinforcing Ducts	600 centres
Lifting Mechanism	2 x 1.3t Lifting anchor in centre of block
Facial M ²	0.36m ²
Volume	0.21m ³

Block Height	PSI
1 – (.6m high)	2.29

Ground Loading

3.2 Interlocking System

50mm high x 165mm wide protruding tong on top of the block in the shape of one cross which correspond with the groove on the bottom of each block.

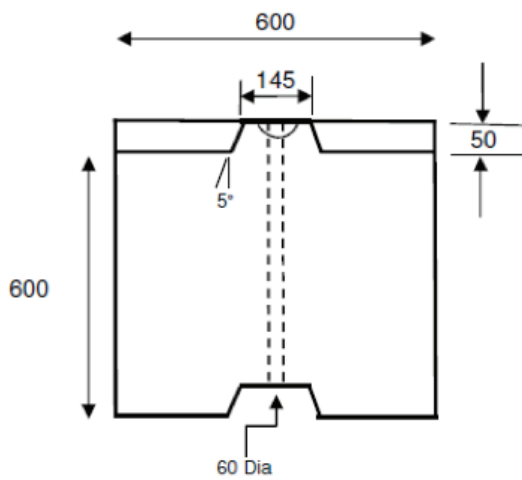
3.3 Applications

The 600 block is used to finish walls flush.

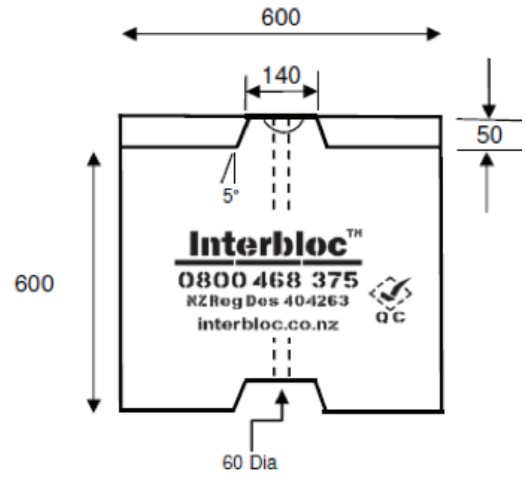
3.4 Variations

Type	Application
600 Standard	The standard block used in majority of projects as main block. Comes in two grades, Engineered and Ag. Refer to sheet [1.4] for more information.
600 Flat Top	Used to finish the top of walls with a flat, level surface.
600 Flat Bottom	Used on the bottom course of a wall where no holes can be present. Cannot be used on walls requiring reinforcing.
600 Capper	Caps walls for bulk storage bins where the accumulation of bulk material at the top of the wall would be an issue.

3.5 Unit Geometry



END ELEVATION



SIDE ELEVATION