



***GREY BLOCK REFERENCE MANUAL***

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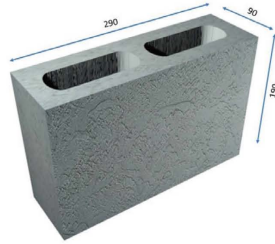
# 90mm Smooth Block Series

P 3



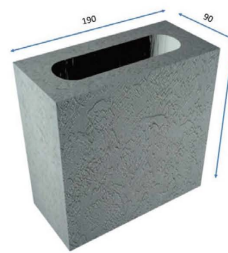
## 10.01

*90mm Full Length Hollow*  
**Size:** 390x190x90  
**Qty. per pallet:** 195  
**Unit Weight:** 8.08kg  
**Qty p/m<sup>2</sup>:** 12.5



## 10.02

*90mm 3/4 Length Hollow*  
**Size:** 290x190x90  
**Unit Weight:** 6.0kg  
**Qty. per pallet:** 288



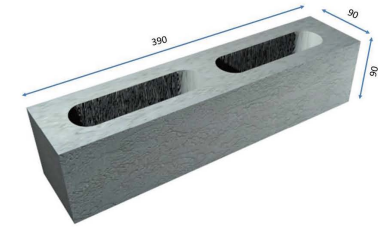
## 10.03

*90mm 1/2 Length Hollow*  
**Size:** 190x190x90  
**Unit Weight:** 4kg  
**Qty. per pallet:** 468



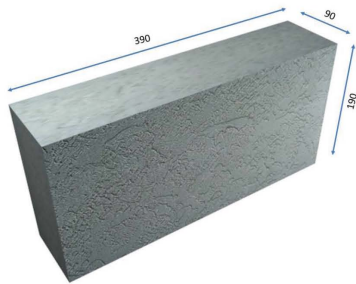
## 10.34 or 10.04

*90mm 1/4 Length Solid*  
**Size:** 90x190x90  
**Unit Weight:** 2kg  
**Qty. per pallet:** 576



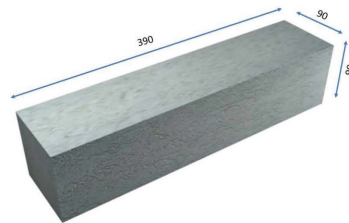
## 10.71

*90mm Full Length 1/2 height*  
**Size:** 390x90x90  
**Unit Weight:** 4.2kg  
**Qty p/m<sup>2</sup>:** 25  
**Qty. per pallet:** 360



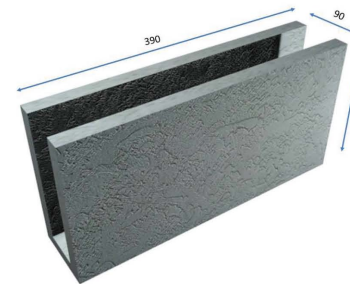
## 10.31 (Frog)

*90mm Full Length Solid*  
**Size:** 390x190x90  
**Unit Weight:** 10.5kg  
**Qty p/m<sup>2</sup>:** 12.5  
**Qty. per pallet:** 180



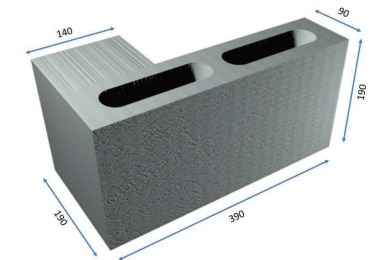
## 10.83

*90mm Full Length  
 1/2 Height Solid*  
**Size:** 390x90x90  
**Unit Weight:** 6.6kg  
**Qty p/m<sup>2</sup>:** 25  
**Qty. per pallet:** 144



## 10.12

*90mm Full Length  
 Lintel Bondbeam*  
**Size:** 390x190x90  
**Unit Weight:** 7.74kg  
**Qty. per pallet:** 180

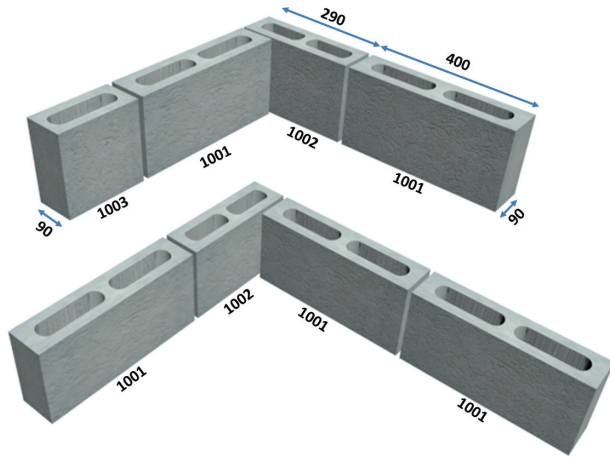


## 10.25

*90mm Full Length  
 Corner Return*  
**Size:** 390x190x90x190  
**Unit Weight:** 14kg  
**Qty. per pallet:** 120

# 90mm Set Out

P 4

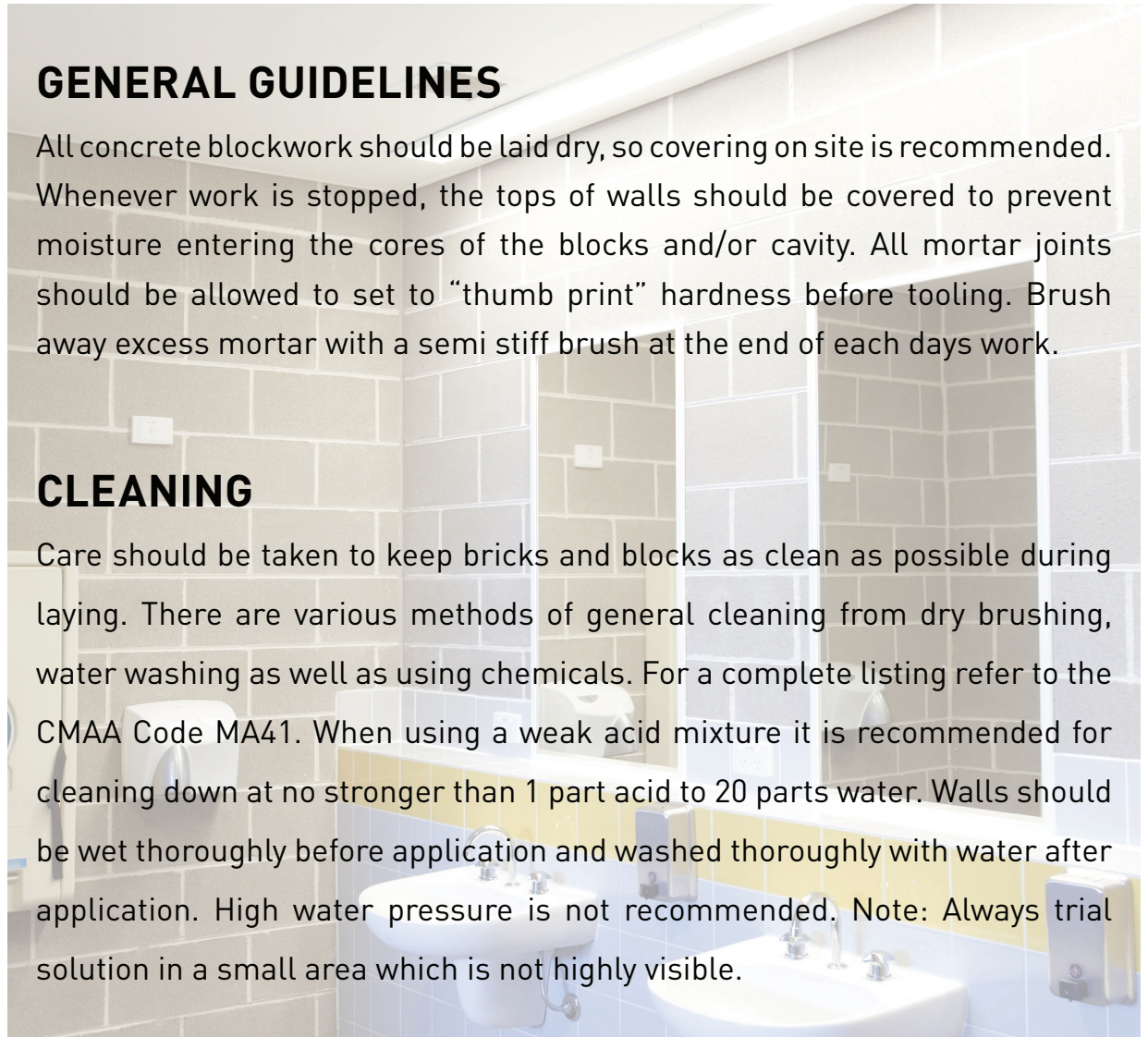


## GENERAL GUIDELINES

All concrete blockwork should be laid dry, so covering on site is recommended. Whenever work is stopped, the tops of walls should be covered to prevent moisture entering the cores of the blocks and/or cavity. All mortar joints should be allowed to set to “thumb print” hardness before tooling. Brush away excess mortar with a semi stiff brush at the end of each days work.

## CLEANING

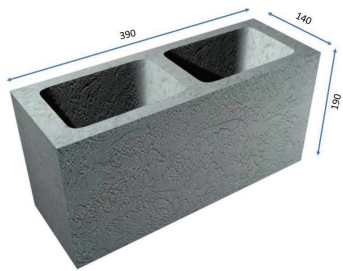
Care should be taken to keep bricks and blocks as clean as possible during laying. There are various methods of general cleaning from dry brushing, water washing as well as using chemicals. For a complete listing refer to the CMAA Code MA41. When using a weak acid mixture it is recommended for cleaning down at no stronger than 1 part acid to 20 parts water. Walls should be wet thoroughly before application and washed thoroughly with water after application. High water pressure is not recommended. Note: Always trial solution in a small area which is not highly visible.





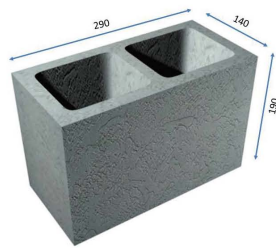
# 140mm Smooth Block Series

P 5



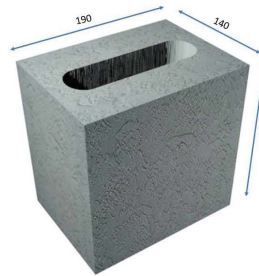
## 15.01

*140mm Full Block*  
**Size:** 390x190x140  
**Qty. per pallet:** 144  
**Unit Weight:** 9.93kg  
**Qty p/m<sup>2</sup>:** 12.5



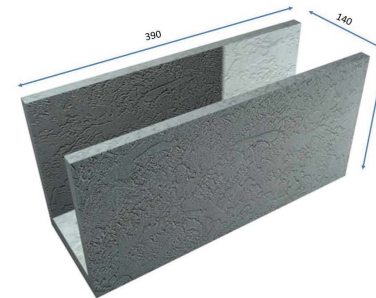
## 15.02

*140mm 3/4 Block*  
**Size:** 290x190x140  
**Unit Weight:** 7.8kg  
**Qty. per pallet:** 192



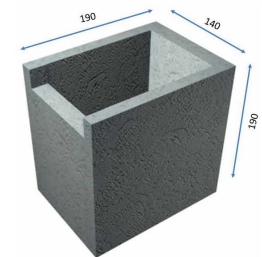
## 15.03

*140mm 1/2 Block*  
**Size:** 190x190x140  
**Unit Weight:** 6.32kg  
**Qty p/m<sup>2</sup>:** 25  
**Qty. per pallet:** 288



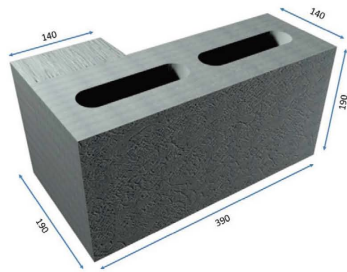
## 15.12

*140mm Bond Beam*  
**Size:** 390x190x140  
**Unit Weight:** 13kg  
**Qty p/lm:** 2.5  
**Qty. per pallet:** 120



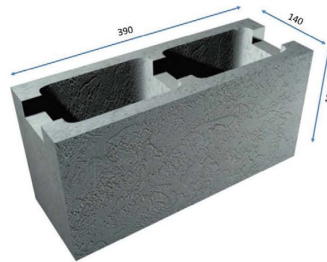
## 15.46

*140mm Half Top Groove*  
**Size:** 190x190x140  
**Unit Weight:** 5.01kg  
**Qty. per pallet:** 288



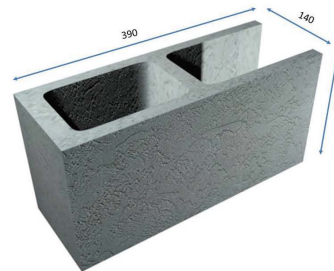
## 15.25

*140mm Corner Return*  
**Size:** 390x190x140x190  
**Unit Weight:** 10.70kg  
**Qty. per pallet:** 105



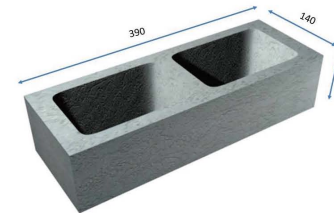
## 15.42

*140mm Top Groove*  
**Size:** 390x190x140  
**Qty. per pallet:** 144  
**Unit Weight:** 9.74kg  
**Qty p/m<sup>2</sup>:** 12.5



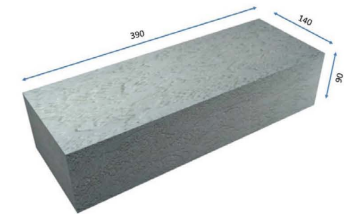
## 15.49\*

*140mm Open End Block*  
**Size:** 390x190x140  
**Qty. per pallet:** 144  
**Unit Weight:** 8.79kg  
**Qty p/m<sup>2</sup>:** 12.5



## 15.71

*140mm 1/2 Height Block*  
**Size:** 390x90x140  
**Unit Weight:** 5.26kg  
**Qty p/m<sup>2</sup>:** 25  
**Qty. per pallet:** 288



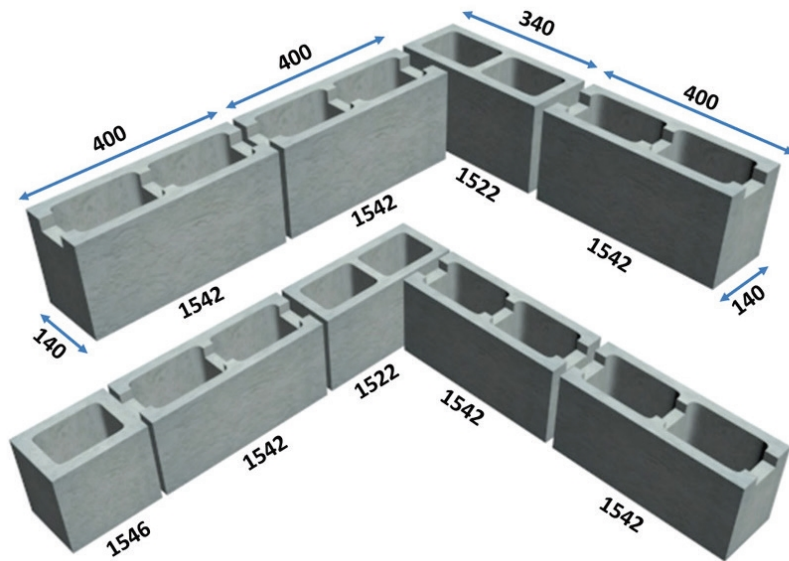
## 15.83

*140mm 1/2 Height Solid*  
**Size:** 390x90x140  
**Unit Weight:** 7.4kg  
**Qty p/m<sup>2</sup>:** 25  
**Qty. per pallet:** 192

*\*Made to order*

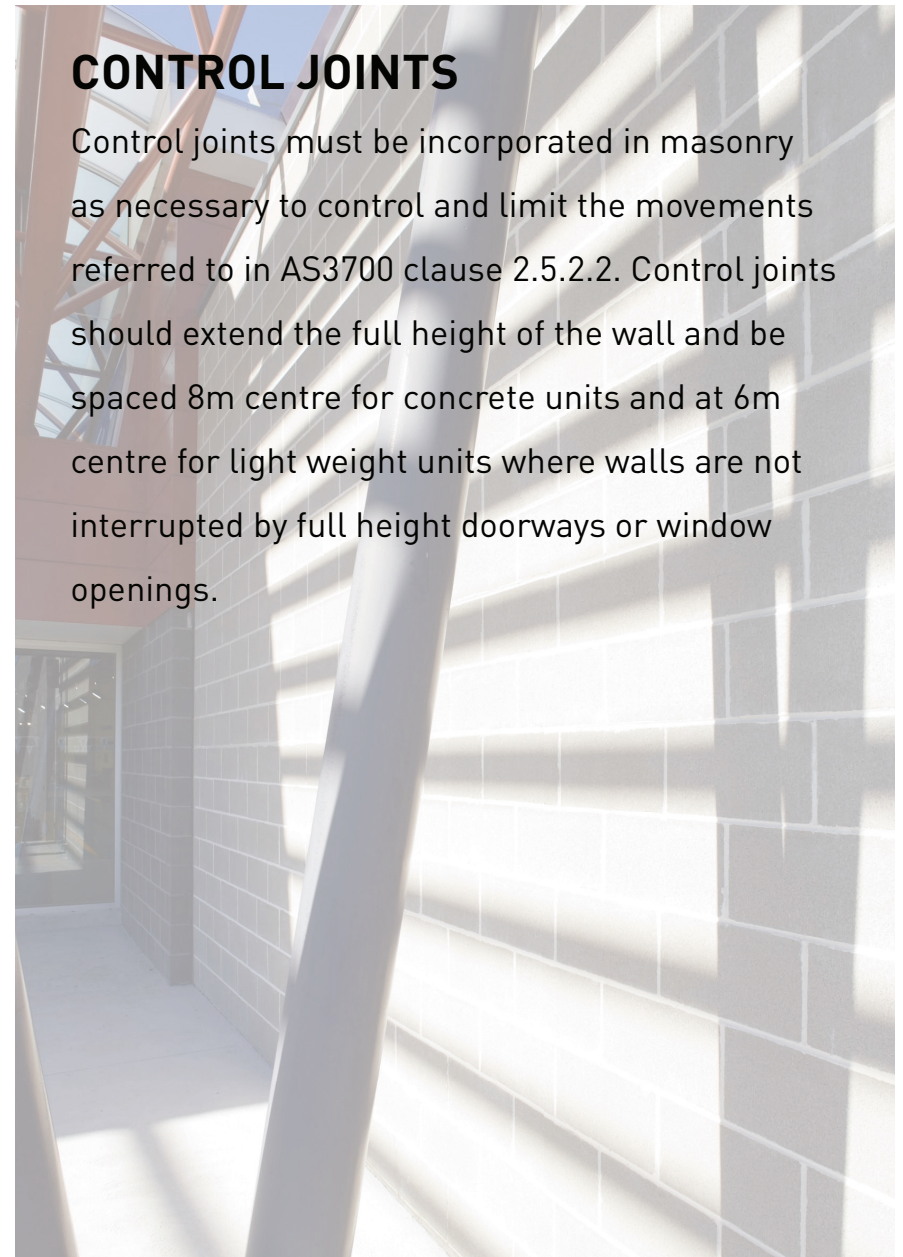
# 140mm Set Out

P 6



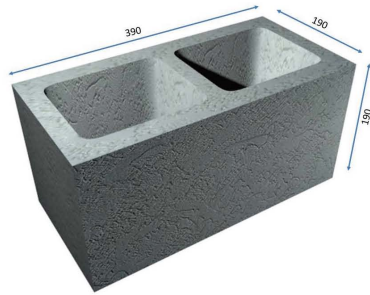
## CONTROL JOINTS

Control joints must be incorporated in masonry as necessary to control and limit the movements referred to in AS3700 clause 2.5.2.2. Control joints should extend the full height of the wall and be spaced 8m centre for concrete units and at 6m centre for light weight units where walls are not interrupted by full height doorways or window openings.



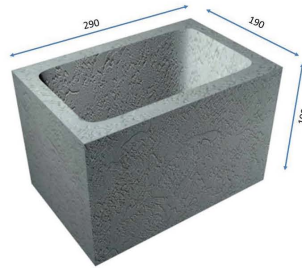
# 190mm Smooth Block Series

P 7



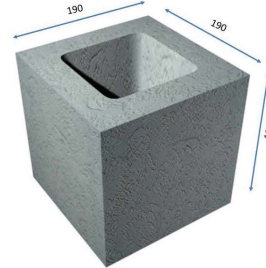
## 20.01

*190mm Full Block*  
**Size:** 390x190x190  
**Qty. per pallet:** 108  
**Unit Weight:** 10.8kg  
**Qty p/m<sup>2</sup>:** 12.5



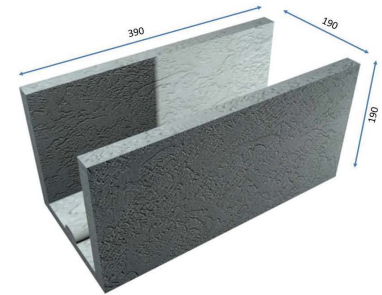
## 20.02

*190mm 3/4 Block*  
**Size:** 290x190x190  
**Unit Weight:** 8.7kg  
**MPa:** 12  
**Qty. per pallet:** 144



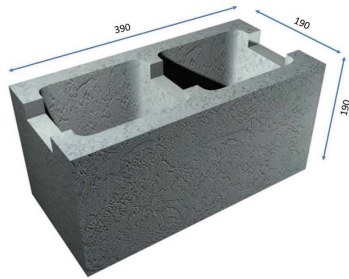
## 20.03

*190mm 1/2 Block*  
**Size:** 190x190x190  
**Qty. per pallet:** 216  
**Unit Weight:** 5.9kg



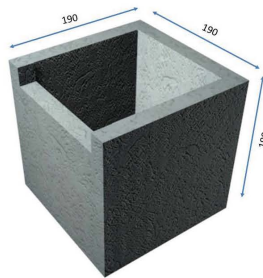
## 20.12

*190mm Lintel Bond Beam*  
**Size:** 390x190x190  
**Unit Weight:** 13.9kg  
**Qty. per pallet:** 108



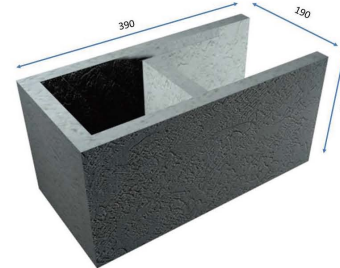
## 20.42

*190mm Top Groove*  
**Size:** 390x190x190  
**Qty. per pallet:** 108  
**Unit Weight:** 10.34kg  
**Qty p/m<sup>2</sup>:** 12.5



## 20.46

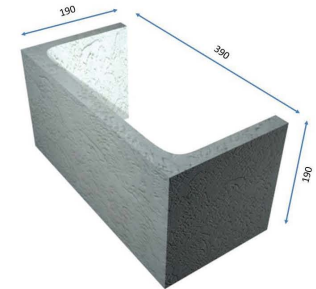
*190mm Half Top Groove*  
**Size:** 190x190x190  
**Qty. per pallet:** 216  
**Unit Weight:** 6 kg



## 20.49\*

*190mm Open One End Block*  
**Size:** 390x190x190  
**Qty. per pallet:** 108  
**Unit Weight:** 10.2kg

*\*Made to order*



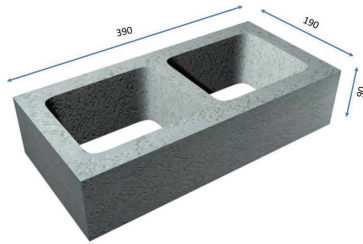
## 20.61 or 20.96

*190mm Clean Out Block*  
**Size:** 390x190x190  
**Qty. per pallet:** 108  
**Unit Weight:** 9.83kg



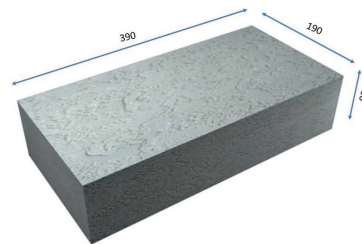
# 190mm Smooth Block Series

P 8



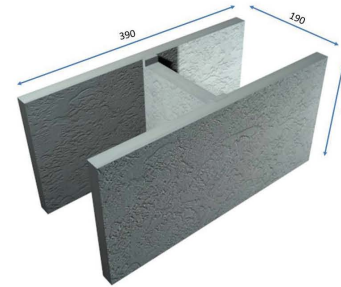
**20.71**

*190mm 1/2 Height Block*  
**Size:** 390x90x190  
**Qty. per pallet:** 216  
**Unit Weight:** 6.15kg  
**Qty p/m<sup>2</sup>:** 25



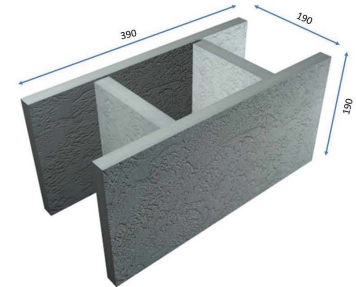
**20.83**

*190mm 1/2 Height Solid Block*  
**Size:** 390x90x190  
**Qty. per pallet:** 144  
**Unit Weight:** 10.2kg  
**Qty p/m<sup>2</sup>:** 25



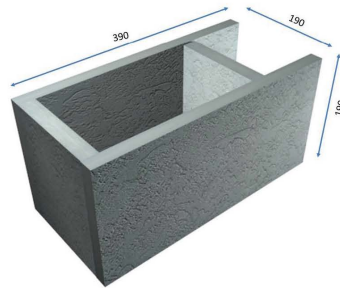
**20.48**

*190mm H Block - Single Web*  
**Size:** 390x190x190  
**Qty. per pallet:** 108  
**Unit Weight:** 12 kg  
**Qty p/m<sup>2</sup>:** 12.5



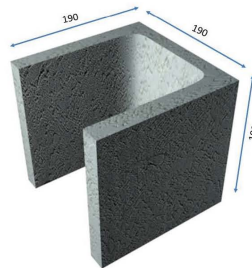
**20.91**

*190mm H Block- Double Web*  
**Size:** 390x190x190  
**Qty. per pallet:** 108  
**Unit Weight:** 10.17kg  
**Qty p/m<sup>2</sup>:** 12.5



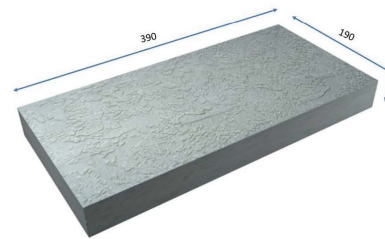
**20.92**

*190mm Closed End Block*  
**Size:** 390x190x190  
**Qty. per pallet:** 108  
**Unit Weight:** 10kg



**20.93**

*190mm 1/2 Closed End Block*  
**Size:** 190x190x190  
**Qty. per pallet:** 216  
**Unit Weight:** 6.48 kg

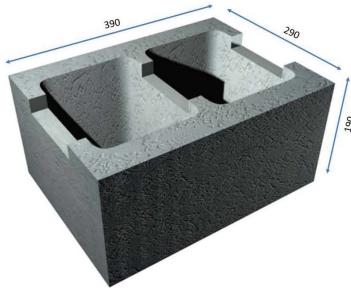


**50.31**

*190mm Capping Unit*  
**Size:** 390x190x40  
**Qty. per pallet:** 216  
**Qty p/lm:** 2.5  
**Unit Weight:** 7kg

# 290mm Smooth Block Series

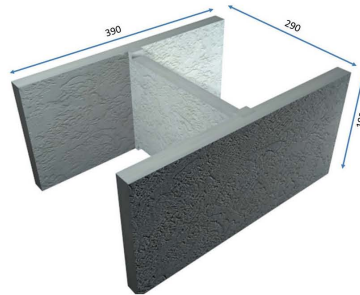
P 9



**30.42\***

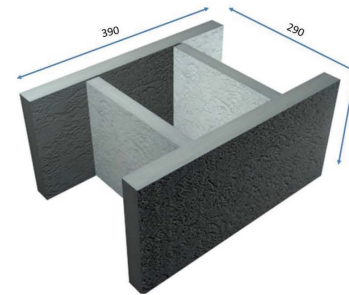
290mm Top Groove  
Size: 390x190x290  
Qty. per pallet: 72  
Unit Weight: 17.20kg  
Qty p/m<sup>2</sup>: 12.5

*\*Made to order*



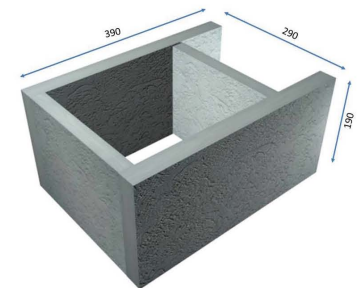
**30.48**

290mm H Block - Single Web  
Size: 390x190x290  
Qty. per pallet: 72  
Unit Weight: 13kg  
Units p/m<sup>2</sup>: 12.5  
MPa: 15



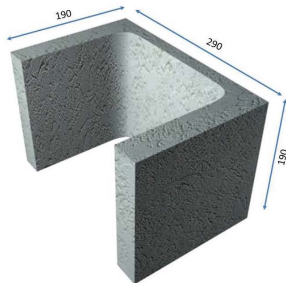
**30.91**

290mm H Block - Double Web  
Size: 390x190x290  
Qty. per pallet: 72  
Unit Weight: 13.33kg  
Units p/m<sup>2</sup>: 12.5



**30.92**

290mm Closed End Block  
Size: 390x190x290  
Qty. per pallet: 72  
Unit Weight: 14.55kg



**30.93**

290mm 1/2 Block  
Size: 190x190x290  
Qty. per pallet: 144  
Unit Weight: 7.4kg

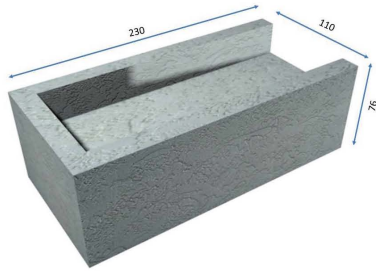
## CORE FILL CALCULATOR

BLOCK TYPE	CUBIC METRES PER SQ. METRE OF WALL	BLOCK FILLED PER CUBIC METRE OF GROUT
15.42	0.078	160
20.42	0.114	110
20.48/20.91	0.114	110
30.48/30.91	0.195	64



# Concrete Common Brick

P 10



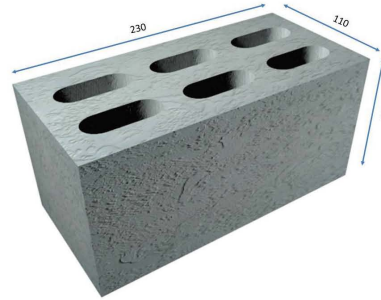
## L11.076

*Solid Render Common*

Size: 230x76x110

Qty. per pallet: 450

Unit Weight: 3.4kg



## D11.119

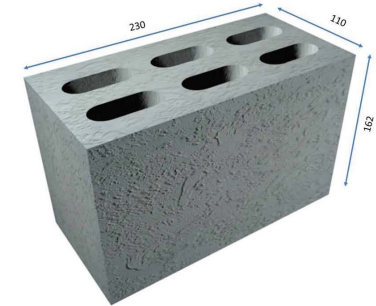
*Cored Schooner*

Size: 230x119x110

Qty. per pallet: 400

Unit Weight: 4.8kg

Units p/m<sup>2</sup>: 32.3



## D11.162

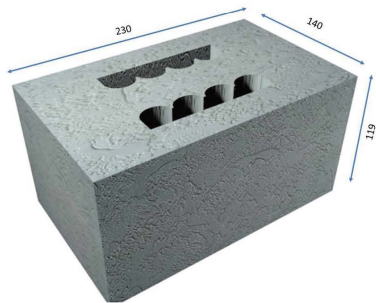
*Quick Brick*

Size: 230x162x110

Qty. per pallet: 300

Unit Weight: 6.3kg

Units p/m<sup>2</sup>: 24.3



## D14.119

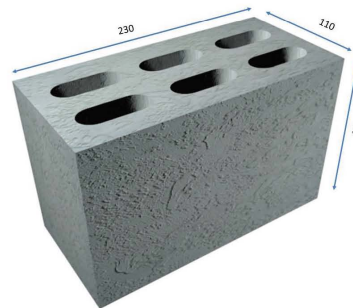
*Ezibrick (Cored)*

Size: 230x119x140

Qty. per pallet: 240

Unit Weight: 6.9kg

Units p/m<sup>2</sup>: 32.3



## L11.162

*Quick Brick Acoustic*

Size: 230x162x110

Qty. per pallet: 350

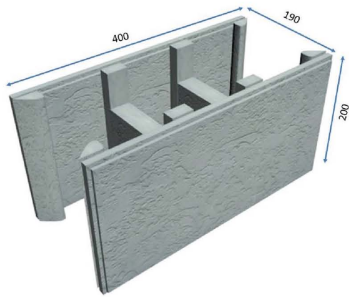
Unit Weight: 4.2kg

Qty p/m<sup>2</sup>: 24.3

MPa: 4

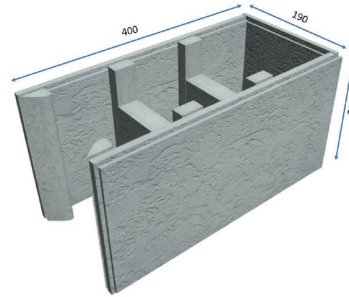
# 200mm Versaloc Mortarless Masonry System

P 11



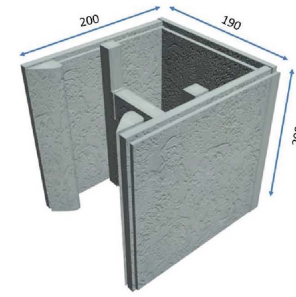
**VERSALOC STANDARD BLOCK**

Size: 400x200x190  
Qty. No. per m<sup>2</sup>: 12.5  
Qty. No. per pallet: 72  
Unit Weight: 15.56 kg



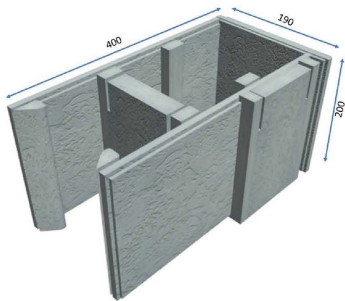
**VERSALOC END BLOCK**

Size: 400x200x190  
Qty p/m<sup>2</sup>: 12.5  
Unit Weight: 17.5 kg  
Qty. per pallet: 48



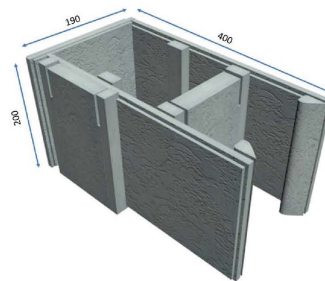
**VERSALOC HALF END BLOCK**

Size: 200x200x190  
Qty. per pallet: 48  
Unit Weight: 9.0kg



**VERSALOC LEFT-HAND CORNER BLOCK**

Size: 400x200x190  
Unit Weight: 17.5 kg  
Qty. per pallet: 36



**VERSALOC RIGHT-HAND CORNER BLOCK**

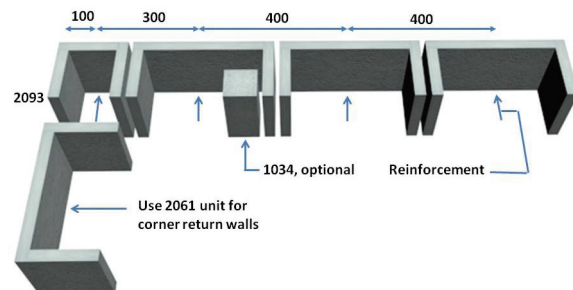
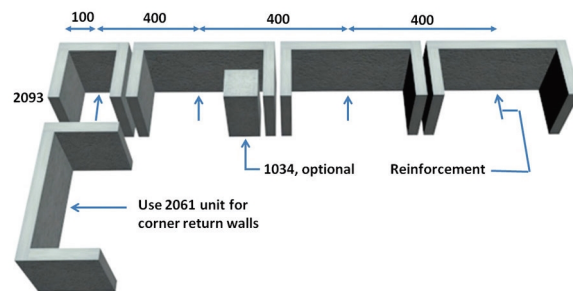
Size: 400x200x190  
Unit Weight: 17.5 kg  
Qty. per pallet: 36



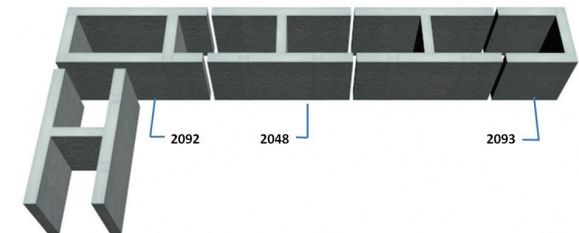
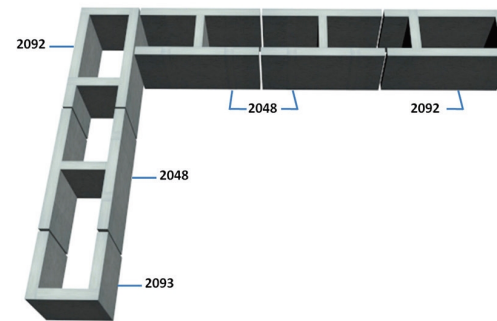
# 190mm Set Out

P 12

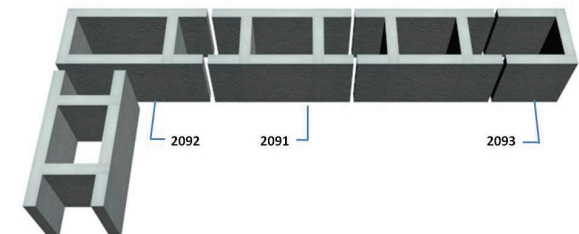
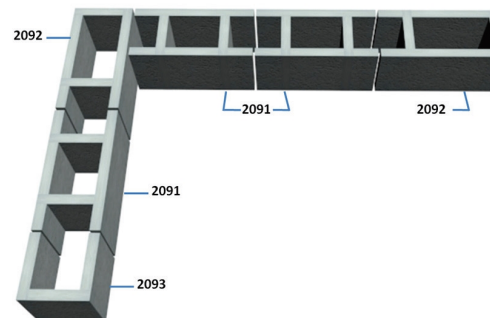
## 190mm Clean Out Courses



## 190mm Single Web H Block (20.48) Alternate Courses



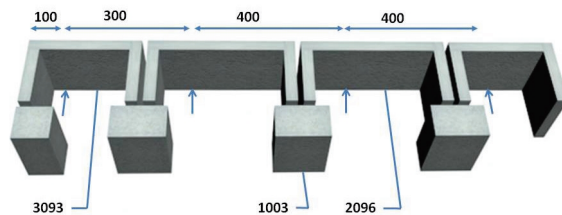
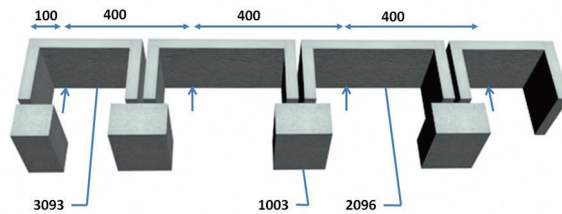
## 190mm Double Web H Block (20.91) Alternate Courses



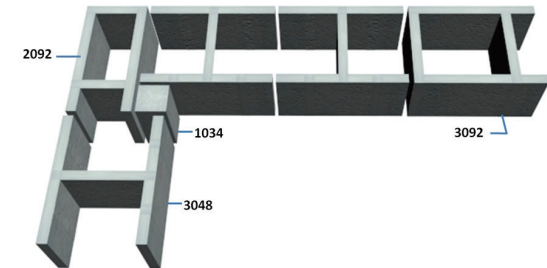
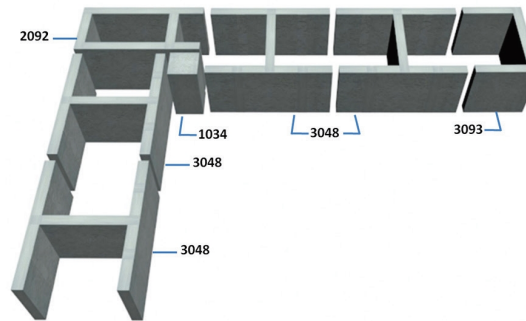
# 290mm Set Out

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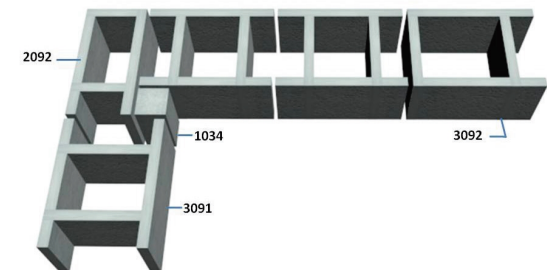
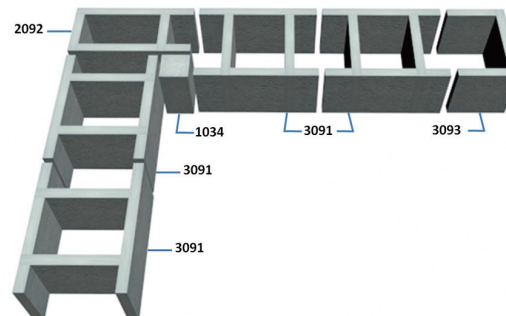
## 290mm Clean Out Courses



## 290mm Single Web H Block (30.48) Alternate Courses



## 290mm Double Web H Block (30.91) Alternate Courses











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