



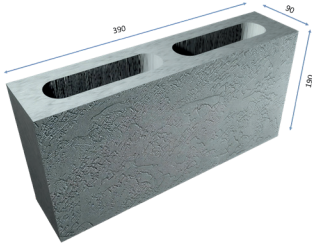
GREY BLOCK REFERENCE MANUAL

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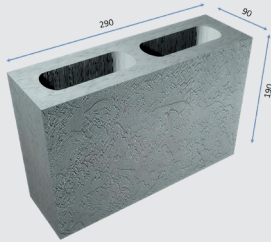
100MM BLOCK SERIES



10.01

100mm Full Length Hollow

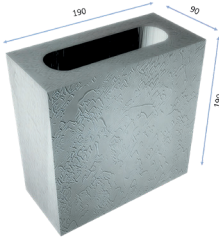
Size: 390x190x90
Qty. per pallet: 180
Unit Weight: 9.5kg



10.02

100mm 3/4 Length Hollow

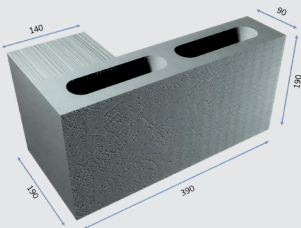
Size: 290x190x90
Qty. per pallet: 240
Unit weight: 6.9kg



10.03

100mm 1/2 Length Hollow

Size: 190x190x90 Qty.
per pallet: 360
Unit weight: 4.8kg



10.25

100mm Hollow Corner Return

Size: 390x190(x90)x190mm
Qty. per pallet: 120
Unit weight: 11.07kg

Alternative

A 100mm corner return can also be achieved by using a 10.01 with a 10.03. Please ask our staff for advice.

100MM BLOCK SERIES



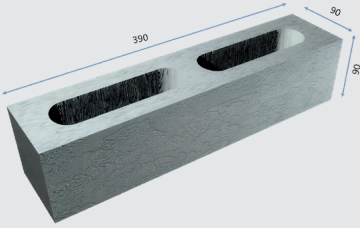
10.34 or 10.04

100mm 1/4 Length Solid

Size: 90x190x90mm

Qty. per pallet: 432

Unit weight: 2.8kg



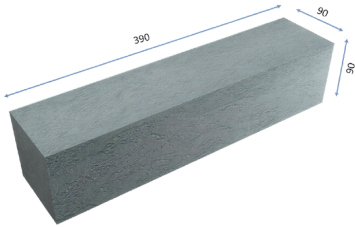
10.71

100mm Full Length 1/2 Height

Size: 390x90x90

Qty. per pallet: 360

Unit weight: 4.5kg



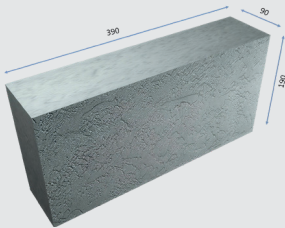
10.83

100mm Full Length 1/2 Height Solid

Size: 390x90x90

Qty. per pallet: 360

Unit weight: 4.5kg



10.31

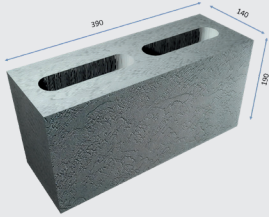
100mm Full Length Solid

Size: 390x190x90

Qty. per pallet: 144

Unit weight: 11.9kg

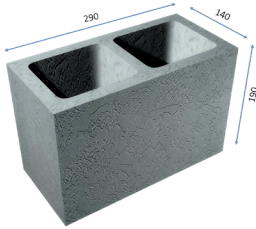
150MM BLOCK SERIES



15.01

150mm Full Block

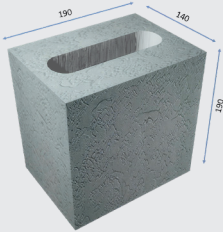
Size: 390x190x140
Qty. per pallet: 144
Unit weight: 10.3kg



15.02

150mm 3/4 Block

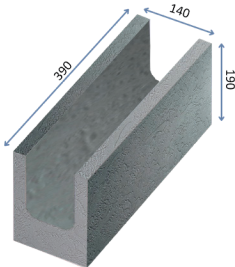
Size: 290x190x140
Qty. per pallet: 160
Unit weight: 7.8kg



15.03

150mm 1/2 Block

Size: 190x190x140
Qty. per pallet: 240
Unit weight: 5.5kg

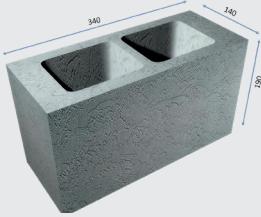


15.12

150mm Lintel

Size: 390x190x140
Qty. per pallet: 120
Unit weight: 13.5kg

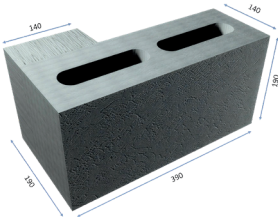
150MM BLOCK SERIES



15.22

150mm Corner Block

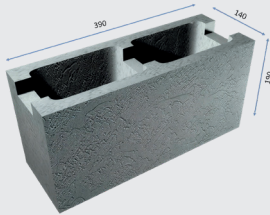
Size: 340x190x140
Qty. per pallet: 135
Unit weight: 9.6kg



15.25

150mm Hollow Corner Return

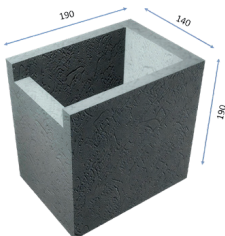
Size: 390x190(140)x190mm
Qty. per pallet: 126
Unit weight: 12.81



15.42

150mm Top Groove

Size: 390x190x140
Qty. per pallet: 144
Unit weight: 10.2kg

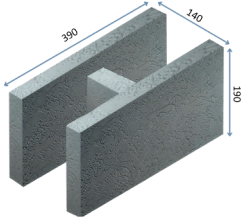


15.43

150mm Closed End Half

Size: 190x140x190
Qty. per pallet: 216
Unit weight: 5.4kg

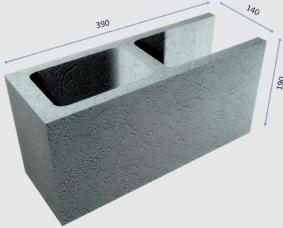
150MM BLOCK SERIES



15.48

150mm H Block

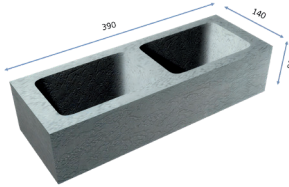
Size: 390x190x140
Qty. per pallet: 144
Unit weight: 10.1kg



15.49

150mm Open End Block

Size: 390x190x140
Qty. per pallet: 144
Unit weight: 9.1kg

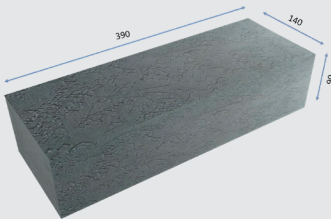


15.71

150mm 1/2 Height Block

Size: 390x90x140
Qty. per pallet: 240
Unit weight: 4.56kg

Made to order



15.83

150mm 1/2 Height Solid

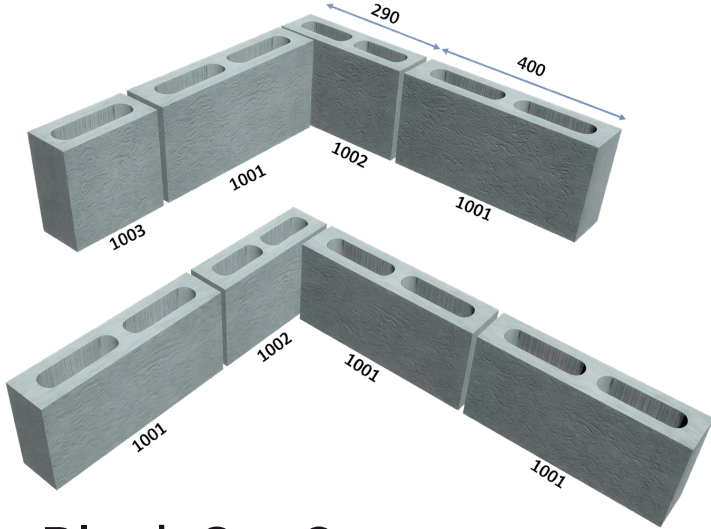
Size: 390x90x140
Qty. per pallet: 192
Unit weight: 8.8kg

Alternative

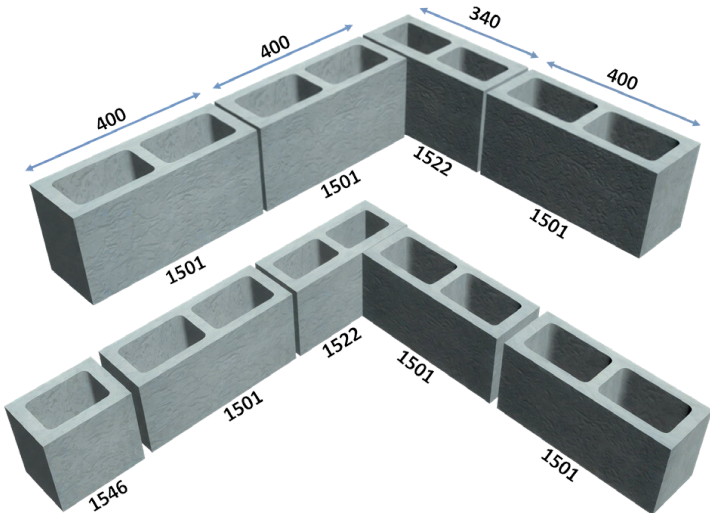
A 150mm corner return can also be achieved by using a 15.01 with a 15.03. This can replace the need for a 15.25 block. Please ask our staff for advice.

100/150MM BLOCK SETOUT

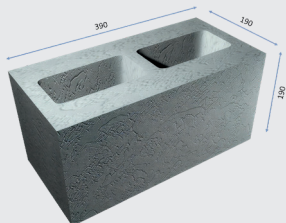
100mm Block Set Out



150mm Block Set Out



200MM BLOCK SERIES



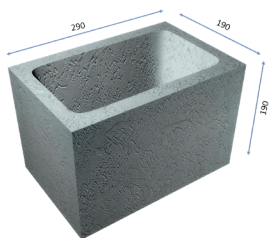
20.01

200mm Full Block

Size: 390x190x190

Qty. per pallet: 108

Unit weight: 11.6kg



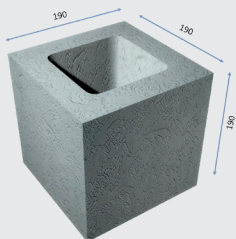
20.02

200mm 3/4 Block

Size: 290x190x190

Qty. per pallet: 144

Unit weight: 10.10kg



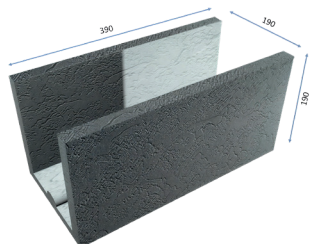
20.03

200mm 1/2 Block

Size: 190x190x190

Qty. per pallet: 180

Unit weight: 7.13kg



20.12

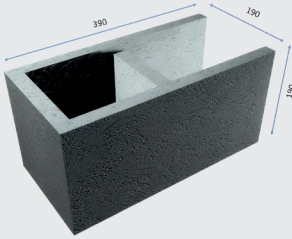
200mm Lintel Bond Beam

Size: 390x190x190

Qty. per pallet: 72

Unit weight: 17.86kg

200MM BLOCK SERIES



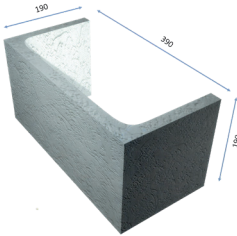
20.49

200mm Corner & Open End Block

Size: 390x190x190

Qty. per pallet: 108

Unit weight: 13.9kg



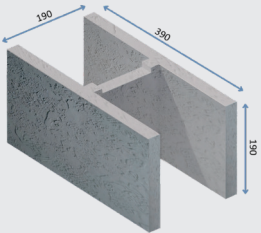
20.45 or 20.96 or 20.61

200mm Clean Out Block

Size: 390x190x190

Qty. per pallet: 108

Unit weight: 11.6kg



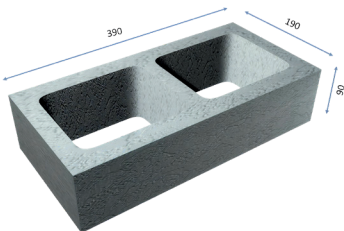
20.48

200mm H Block - Single Web

Size: 390x190x190 Qty.

per pallet: 108 Unit

weight: 10.8kg



20.71

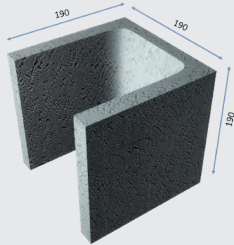
200mm 1/2 Height Block

Size: 390x90x190

Qty. per pallet: 180

Unit weight: 6.5kg

200MM BLOCK SERIES



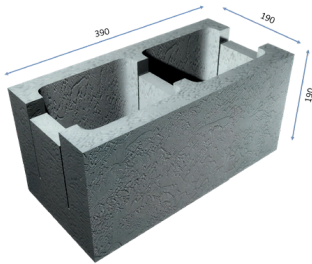
20.93

200mm 1/2 Closed End Block

Size: 190x190x190

Qty. per pallet: 180

Unit weight: 4.7kg



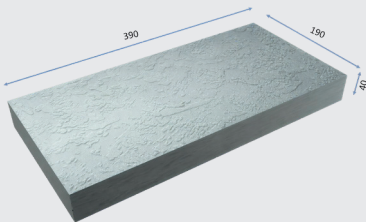
20.42 or 20.20

200mm Top Groove

Size: 390x190x190

Qty. per pallet: 108

Unit weight: 11.6kg



50.31

200mm Capping Unit

Size: 390x190x50 Qty.

per pallet: 216

Unit weight: 7.4kg

BLOCK LAYING TIPS

General Guidelines

All concrete block work 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.

Note: Always trial solution in a small area which is not highly visible.

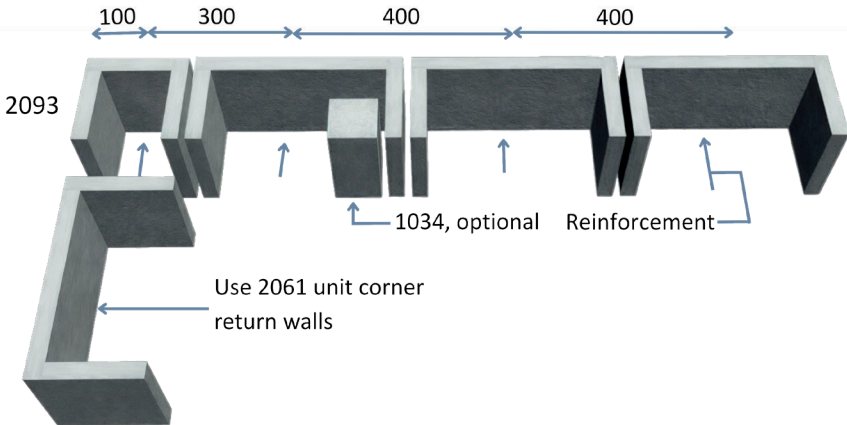
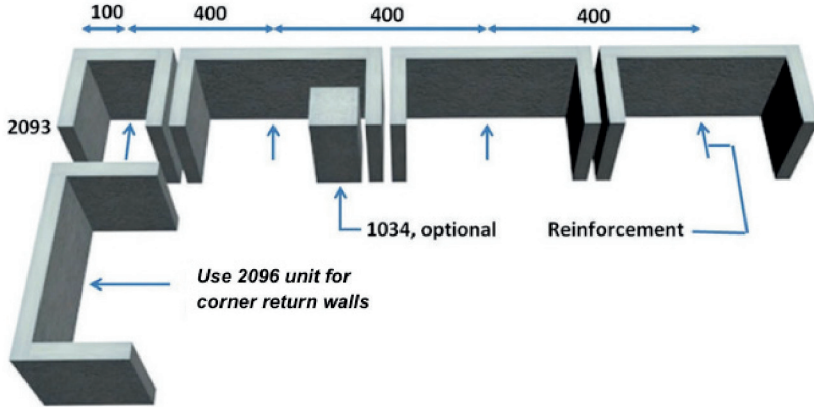
Control Joints

Unreinforced Masonry Construction: Control joints should be placed at all joints of potential cracking and at no greater than 6-m spacing in articulated residential construction and 8-m spacing in other construction.

Reinforced Masonary Construction: Control joints should be placed at all points of potential cracking. In walls over 3 m high, the spacing of control joints should not exceed 16 m. In walls 3 m or less in height and incorporating a reinforced bond beam at the top, the control joints may be deleted.

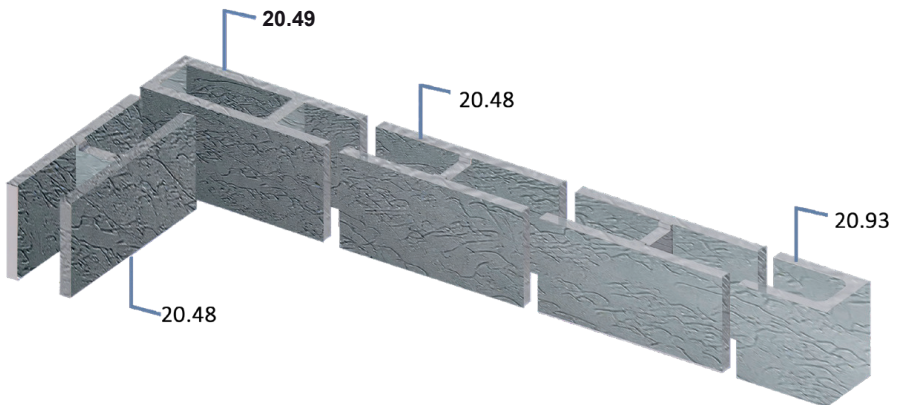
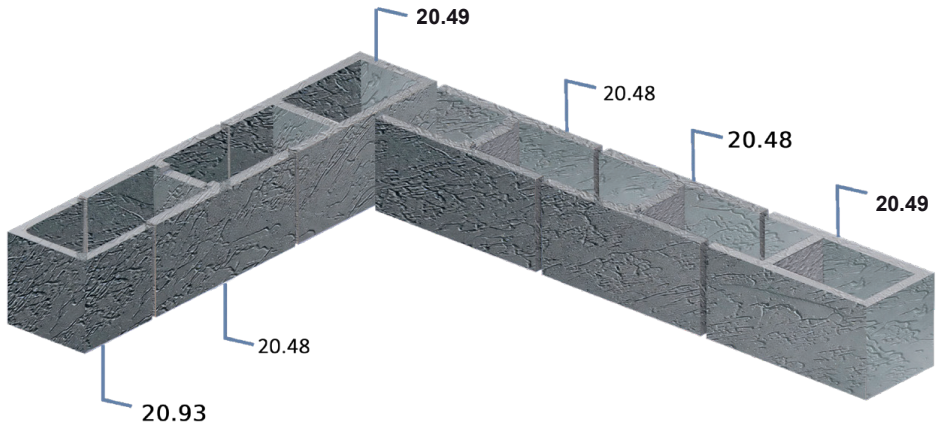
200MM BLOCK SETOUT

200mm Clean Out Courses

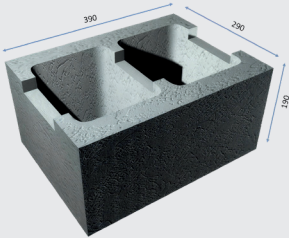


200mm H Block (20.48)

Alternate Courses



290MM BLOCK SERIES



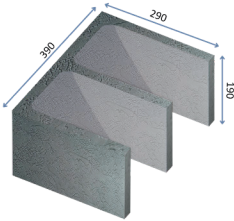
30.42

290mm Channel Block

Size: 390x190x290

Qty. per pallet: 72

Unit weight: 17.2kg



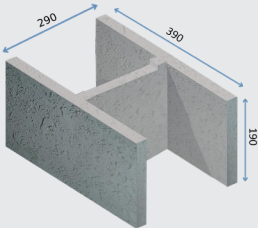
30.45

290mm Clean Out Stretcher

Size: 390x190x290

Qty. per pallet: 72

Unit weight: 14.8kg



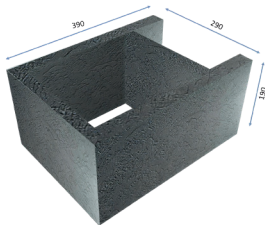
30.48

290mm H Block - Single Web

Size: 390x190x290

Qty. per pallet: 72

Unit weight: 14kg



30.92

290mm Closed End Block

Size: 390x190x290

Qty. per pallet: 72

Unit weight: 16.2k

Alternatives

A more affordable alternative to 30.45 block can be achieved by using a 20.96 with a 10.03.

A 20.02 can be used as a 300mm half block also.

Please ask our staff for advice.

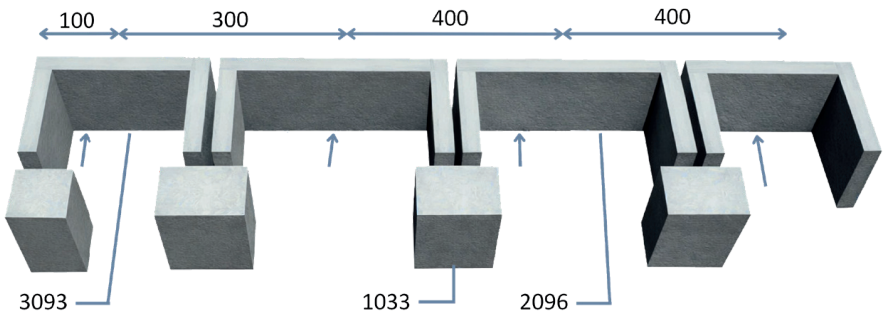
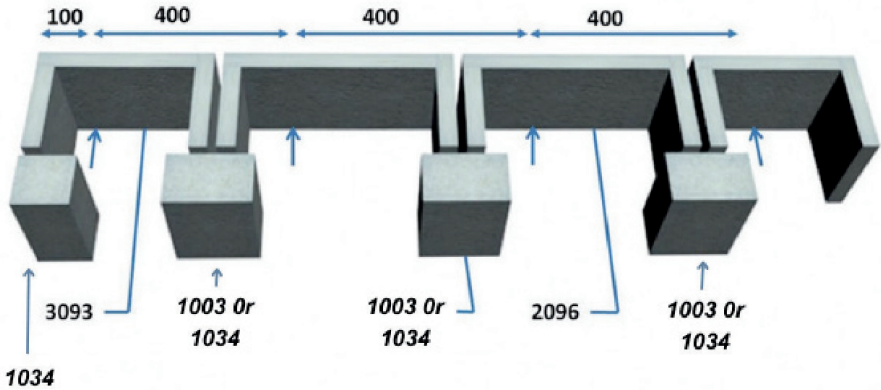
CORE FILL CALCULATOR

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	0.13	96
30.48/30.91	0.195	64



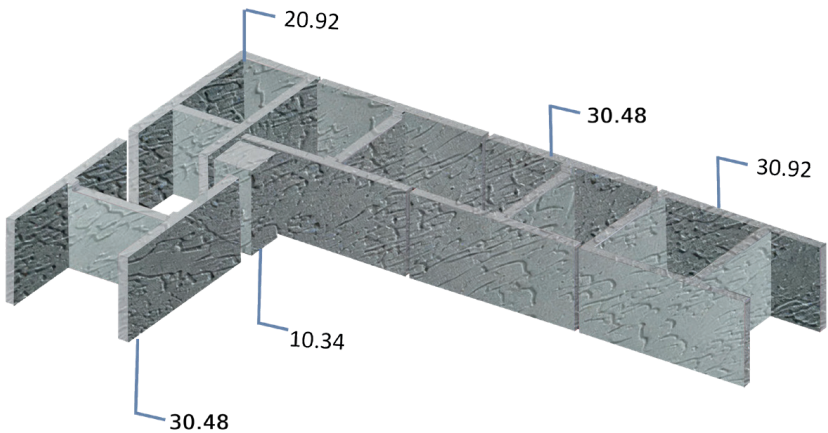
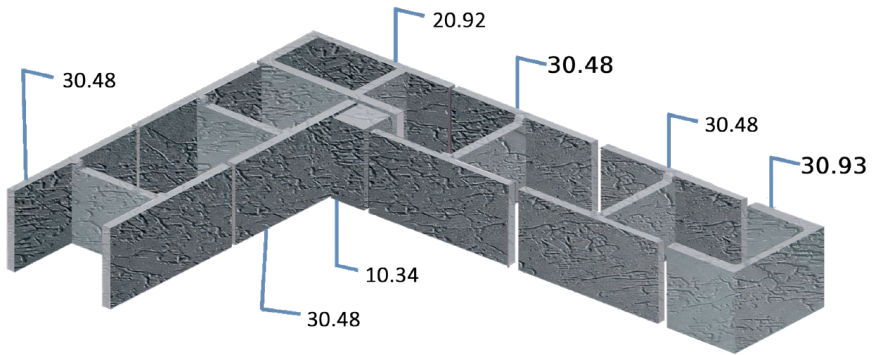
290MM BLOCK SETOUT

290mm Clean Out Courses

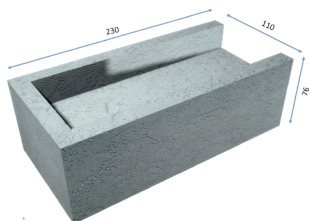


290mm H Block (30.48)

Alternate Courses



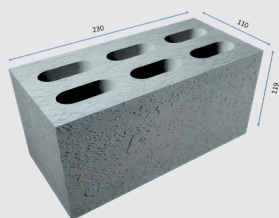
CONCRETE COMMONS



L11.076

Solid Render Common

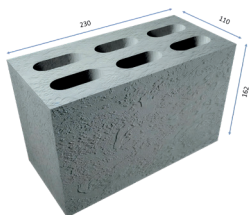
Size: 230x76x110
Qty. per pallet: 500
Unit weight: 4.1kg



D11.119

Cored Schooner

Size: 230x119x110
Qty. per pallet: 350
Unit weight: 4.5kg

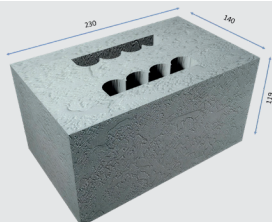


D11.162

Made to order

Quick Brick

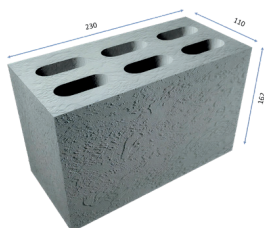
Size: 230x162x110
Qty. per pallet: 250
Unit weight: 6.2kg



D14.119

Ezibrick [Cored]

Size: 230x119x140
Qty. per pallet: 240
Unit weight: 6.9kg



L11.162

Made to order

Quick Brick Acoustic

Size: 230x162x110
Qty. per pallet: 300
Unit weight: 4.7kg

OTHER SERVICES AT MD BRICK

FREE ESTIMATION SERVICE



We will estimate your bricks, blocks, lintels, fibre cement cladding and cement for your project.

HIGH LIFT CRANE SERVICE



MD Brick now offers a high-lift crane service for deliveries over 4 metres. (Only available in Sydney)

FREE BRICK MATCHING SERVICE



Our expert account managers will match your bricks for your renovation or building project.

FAQS

Some of the most common questions we are asked:

Q: Are Grey blocks fire-rated?

A: Yes. Grey blocks are fire-resistant and can be used in fire-rated walls.

Q: Do you supply a lightweight, mortarless range of grey blocks?

A: Yes. MD Brick supplies a DIY, lightweight interlocking mortarless grey block. These blocks have self-locating lugs like Lego blocks, are lightweight (10.6kg p/block), load-bearing and can be carbon-neutral certified.

Q: Are grey blocks exposure grade?

A: Yes. Because grey blocks are made from cement, they are classed as exposure grade. This means they are suitable for use in marine environments, such as near the ocean or saltwater lakes.

Q: Are these blocks structural?

A: Yes. Grey Blocks are designed for structural applications, including load-bearing walls and engineered retaining walls. Always check your project specs.

Q: How many blocks do I need per square metre?

A: For standard-sized blocks (390x190x190mm), you'll need approximately 12.5 blocks per m² with 10mm mortar joints.

Q: Can you deliver to the site?

A: Yes. We offer crane truck and forklift delivery across Sydney, the Central Coast, Newcastle, and beyond.



VISIT US

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Minchinbury NSW 2770

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Brookvale NSW 2100

PH: 02 9939 5000

MD Brick West Gosford

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West Gosford NSW 2250

PH: 02 4352 7000

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