



QUALITY

- **Masonry • Blocks • Pavers • Colours •**
- **Splitface Blocks • Retaining Walls •**

Member of

CMAA

**Concrete Masonry
Association of
Australia**

BC Sands

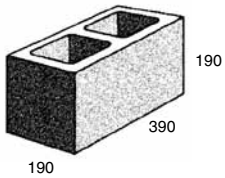
26 Atkinson Rd Taren Point 2229
(At the bottom of Bay Rd)

• **Phone 8543 3400 • Fax 8543 3411**
www.bcsands.com.au

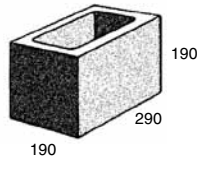
200mm SERIES

PLAIN FACE HOLLOW

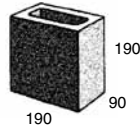
190mm thick walls



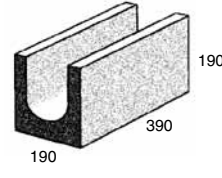
20.01
Hollow - full length



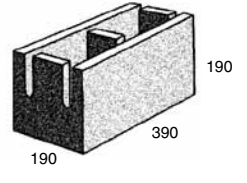
20.02
Hollow - three quarter



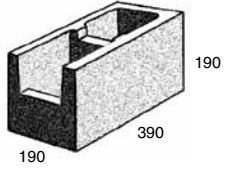
10.03
Hollow - quarter



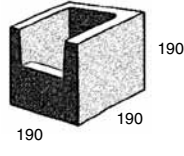
20.12
Lintel



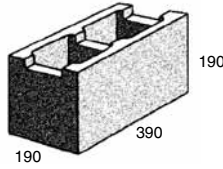
20.20
Knock-out bond beam



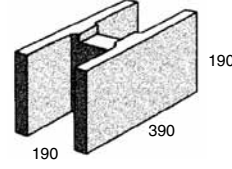
20.41
Closed end



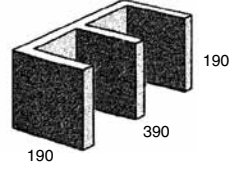
20.43
Closed end - half



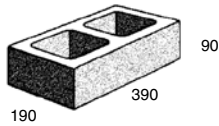
20.42
Channel



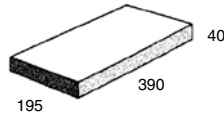
20.48
'H' block



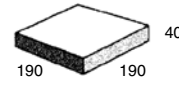
20.45
Clean-out stretcher



20.71
Half high



50.31
200-mm capping tile



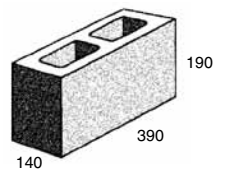
50.33
Paving slab - see paving
catalogue for available colours

fcu 15

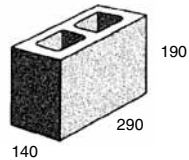
150mm SERIES

PLAIN FACE HOLLOW

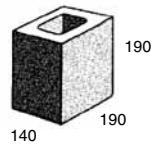
140mm thick walls



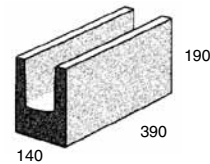
15.01
Hollow - full length



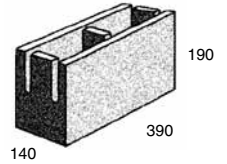
15.02
Hollow - three quarter



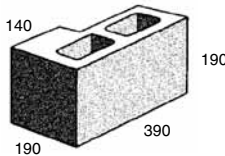
15.03
Hollow - half



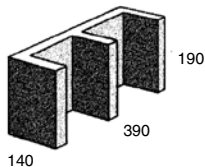
15.12
Lintel



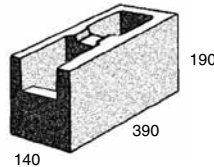
15.20
Knock-out bond beam



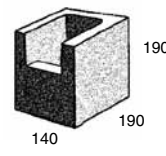
15.25
Hollow - corner return



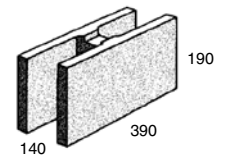
15.45
Clean-out stretcher



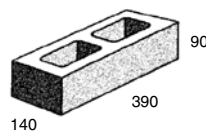
15.41
Closed end



15.43
Closed end - half



15.48
'H' block



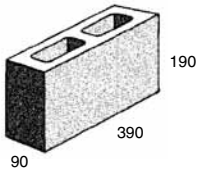
15.71
Hollow - half high

fcu 15

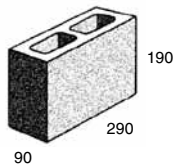
100mm SERIES

PLAIN FACE HOLLOW

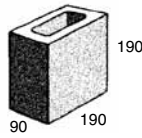
90mm thick walls



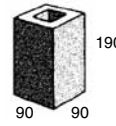
10.01
Hollow - full length



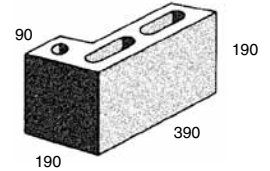
10.02
Hollow - three quarter



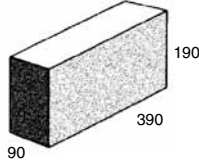
10.03
Hollow - half



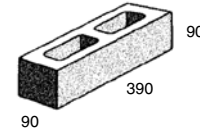
10.04
Hollow - quarter



10.25
Hollow - corner return



10.31
Solid - full length



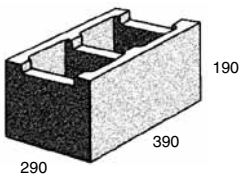
10.71
Hollow - half high

fcu 10

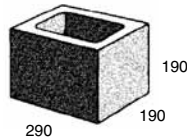
300mm SERIES

PLAIN FACE HOLLOW

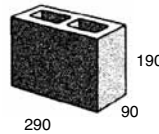
290mm thick walls



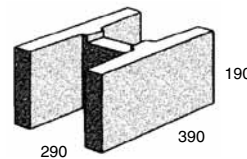
30.42
Top groove



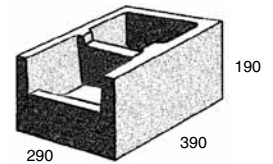
20.02
Hollow - half



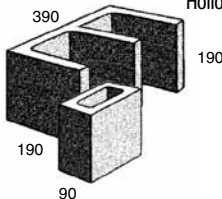
10.02
Hollow - quarter



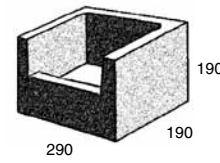
30.48
'H' block



30.41
Closed end



20.45 + 10.03
Clean out



30.43
Closed end - half

fcu 15

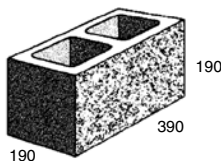
SPLIT FACE SERIES

HOLLOW

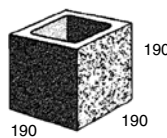
190mm, 140mm & 90mm thick walls

200mm

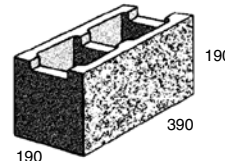
fcu 15



20.121
Hollow - full length



20.123
Hollow half - cut to order

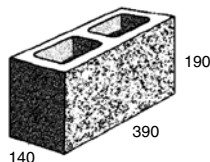


20.142
Top groove - full length

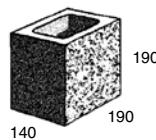
Pallets come as a mixture of
20.121 and 20.142
Approx 1/4 20.121
Approx 3/4 20.142

150mm

Commercial quantities only
fcu 15



15.121
Hollow - full length

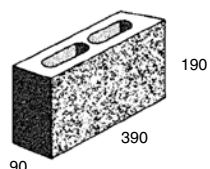


15.123
Hollow half - cut to order

*See split face
catalogue for
available colours*

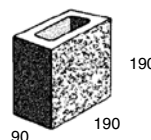
100mm

fcu 10



10.121
Hollow - full length

One core is solid
from 1 in 3 blocks
for splitting corners



10.123
Half - cut to order



HOW TO GET BEST RESULTS FROM BAINES MASONRY'S BLOCKS

DO NOT WET BLOCKS

Baines Masonry's blocks should be dry when laid in the wall to minimise subsequent shrinkage.

CLEANING CONCRETE MASONRY

Keep mortar off the face of the blocks. Clean off droppings as work progresses and before mortar sets.

Cleaning down with acid should be avoided whenever possible.

A guide to cleaning concrete masonry is available at Baines Masonry or full technical details are available from the Concrete Masonry Association web site - www.cmaa.com.au

COLOUR

Care should be taken to order enough product to complete the project at the same time to avoid the possibility of batch variations.

CONTROL OF SHRINKAGE CRACKING

Baines Masonry's blocks behave differently to clay brick in regard to moisture movement and temperature changes. Assuming sound foundations are provided, cracks in walls can be avoided by the correct use of control joints, bond beams and/or joint reinforcement.

Rules for the use of these elements are contained in

Australian Standard 3700-2001

USEFUL ESTIMATING DATA

Blocks with 390 x 190 mm face = 12.5 units per 1 square metre.

To fill 200 mm bond beams allow .013m³ of concrete per lineal metre of beam.

To core fill 150mm 'H' blocks allow .65m³ of concrete per 100 blocks.

To core fill 200mm blocks allow .8m³ of concrete per 100 blocks.

To core fill 200mm 'H' blocks allow .84m³ of concrete per 100 blocks.

To core fill 300mm blocks allow 1.1m³ of concrete per 100 blocks.

To core fill 300mm 'H' blocks allow 1.32m³ of concrete per 100 blocks.

Number of Courses	Wall Height
1	0.2 m
2	0.4 m
3	0.6 m
4	0.8 m
5	1.0 m
6	1.2 m
7	1.4 m
8	1.6 m
9	1.8 m
10	2.0 m
11	2.2 m
12	2.4 m
13	2.6 m
14	2.8 m
15	3.0 m
16	3.2 m
17	3.4 m
18	3.6 m
19	3.8 m
20	4.0 m
21	4.2 m
22	4.4 m
23	4.6 m
24	4.8 m
25	5.0 m
26	5.2 m
27	5.4 m
28	5.6 m
29	5.8 m
30	6.0 m
31	6.2 m
32	6.4 m
33	6.6 m
34	6.8 m
35	7.0 m
36	7.2 m

No. of Horizontal Blocks	Wall Lengths
1	0.4 m
1 1/2	0.6 m
2	0.8 m
2 1/2	1.0 m
3	1.2 m
3 1/2	1.4 m
4	1.6 m
4 1/2	1.8 m
5	2.0 m
5 1/2	2.2 m
6	2.4 m
6 1/2	2.6 m
7	2.8 m
7 1/2	3.0 m
8	3.2 m
8 1/2	3.4 m
9	3.6 m
9 1/2	3.8 m
10	4.0 m
11	4.4 m
12	4.8 m
13	5.2 m
14	5.6 m
15	6.0 m
16	6.4 m
17	6.8 m
18	7.2 m
19	7.6 m
20	8.0 m
25	10.0 m
30	12.0 m
35	14.0 m
40	16.0 m
45	18.0 m
50	20.0 m

LENGTHS ARE NOMINAL FOR ACTUAL OPENING SIZES - ADD 10MM FOR ACTUAL PIER SIZE - DEDUCT 10MM

AS 3700 CLASS	CEMENT	LIME	SAND	TYPICAL APPLICATIONS
M4	1	0 to .25	3	High durability - use when in contact with earth, in retaining walls, below DPC'2, in fences adjacent to the sea, in capping courses to fences and parapets.
M4	1 1+	.5 water thickner	4.5 4	Structural brickwork and severe exposure - fences - external walls adjacent to seafont.
M3	1 1+	1 water thickner	6 5	General purpose with moderate exposure.

WATER THICKNER referred to in this table is methyl cellulose.