

Cowra Concrete Products

QUALITY

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

Member of the Concrete Masonry Association of Australia

Cowra Concrete Products

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Cowra NSW 2794

Tel: 02 6342 1194

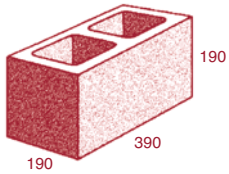
Fax: 02 6342 2937

Email: healey00@bigpond.net.au

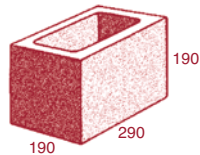
200mm SERIES

PLAIN FACE HOLLOW

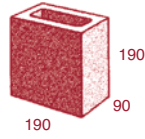
190mm thick walls



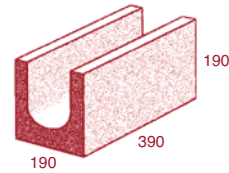
20.01
Hollow - full length



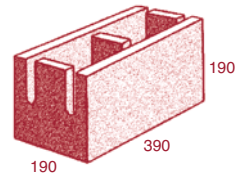
20.02
Hollow - three quarter



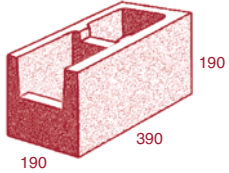
10.03
Hollow - quarter



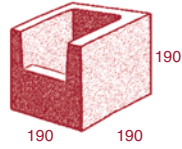
20.12
Lintel



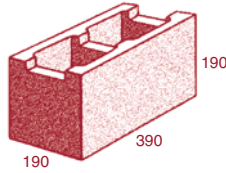
20.20
Knock-out bond beam



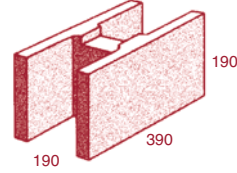
20.41
Closed end
Cut to order



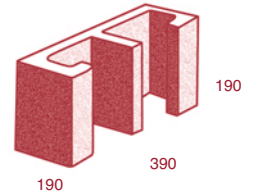
20.43
Closed end - half
Cut to order



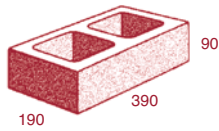
20.42
Channel



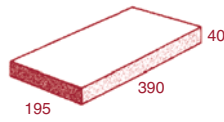
20.48
'H' block



20.45
Clean-out stretcher



20.71
Half high



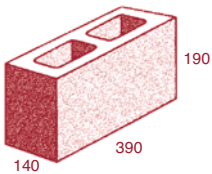
50.31
200-mm capping tile

fcu 15

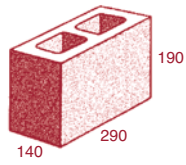
150mm SERIES

PLAIN FACE HOLLOW

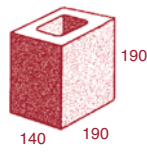
140mm thick walls



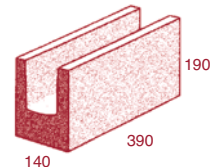
15.01
Hollow - full length



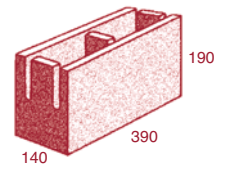
15.02
Hollow - three quarter



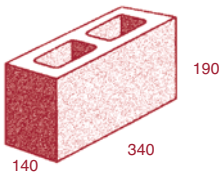
15.03
Hollow - half



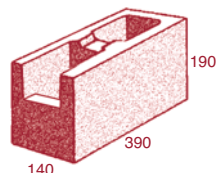
15.12
Lintel



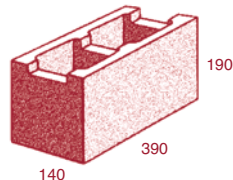
15.20
Knock-out bond beam



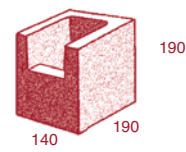
15.22
Hollow - corner



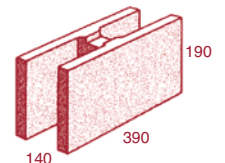
15.41
Closed end
Cut to order



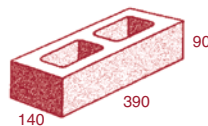
15.42
Channel



15.43
Closed end - half
Cut to order



15.48
'H' block



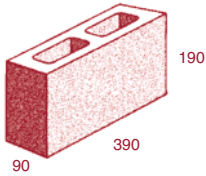
15.71
Hollow - half high

fcu 15

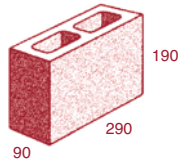
100mm SERIES

PLAIN FACE HOLLOW

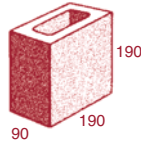
90mm thick walls



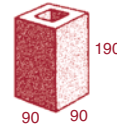
10.01
Hollow - full length



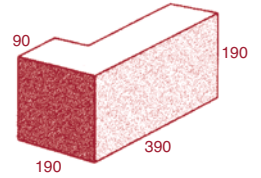
10.02
Hollow - three quarter



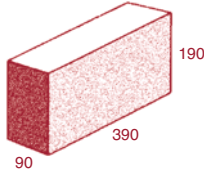
10.03
Hollow - half



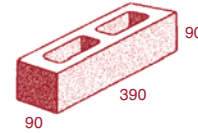
10.04
Hollow - quarter



10.25
Solid - corner return



10.31
Solid - full length



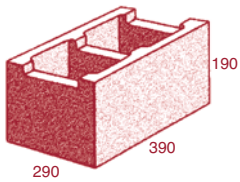
10.71
Hollow - half high

fcu 10

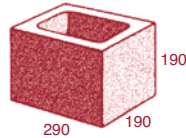
300mm SERIES

PLAIN FACE HOLLOW

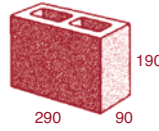
290mm thick walls



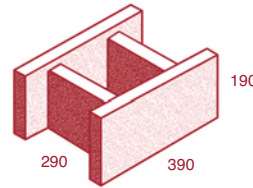
30.42
Top groove



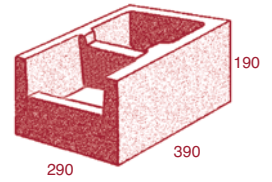
20.02
Hollow - half



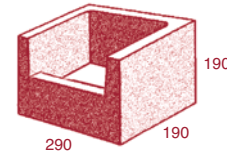
10.02
Hollow - quarter



30.91
'H' block



30.41
Closed end
Cut to order



30.43
Closed end - half
Cut to order

fcu 15

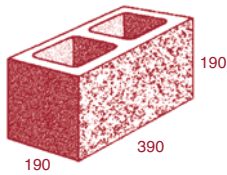
SPLIT FACE SERIES

HOLLOW

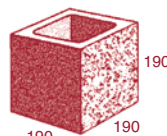
190mm, 140mm & 90mm thick walls

200mm

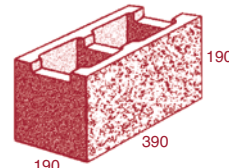
fcu 15



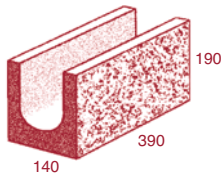
20.121
Hollow - full length



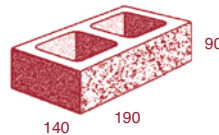
20.123
Hollow half



20.142
Top groove - full length



20.121
Lintel

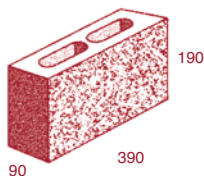


20.127
Half High

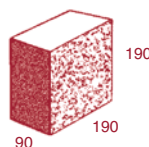
*See split face
catalogue for
available colours*

100mm

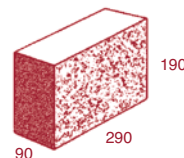
fcu 10



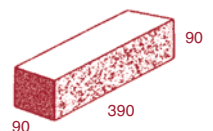
10.121
Hollow - full length



10.123
Solid - half



10.139
Solid - three quarter



10.105
Solid - half high

Cowra Concrete Products

HOW TO GET BEST RESULTS FROM COWRA CONCRETE PRODUCTS

DO NOT WET BLOCKS

COWRA CONCRETE PRODUCTS 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 Cowra Concrete Products 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

COWRA CONCRETE PRODUCTS 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 seafront.
M3	1 1+	1 water thickner	6 5	General purpose with moderate exposure.

WATER THICKNER referred to in this table is methyl cellulose.