

Besser[®]
Brick and Block

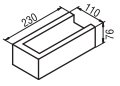
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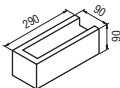
adbriMASONRY

Products	Code	Description	Size (mm) l x h x w	Qty. per pallet	Unit weight (kg)	Unit per m ²	Price
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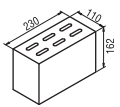
Brick



D11.076	Render Brick (Solid)	230 x 76 x 110	450	3.9	50	
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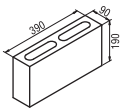


D11.083	Modular Brick (Solid)	290 x 90 x 90	340	4.8	33	
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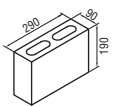


DV11.162	Quick Brick (Vertically Cored)	230 x 162 x 110	270	6.2	25	
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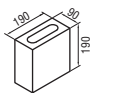
Block



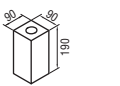
D1001.1	Full Length Hollow	390 x 190 x 90	158	11.2	12.5	
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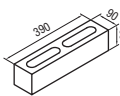
D1002.1	3/4 Length Hollow	290 x 190 x 90	213	8.2		
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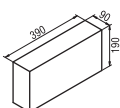
D1003.1	1/2 Length Hollow	190 x 190 x 90	323	5.4		
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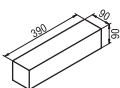
D1004.1	1/4 Length Hollow	90 x 190 x 90	645	2.9		
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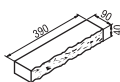
D1071.1	Full Length 1/2 Height Hollow Universal	390 x 90 x 90	315	5.0		
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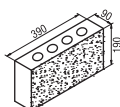
D1031.1	Full Length Solid Universal	390 x 190 x 90	110	14.4	12.5	
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D1083.1	Full Length 1/2 Height Solid Universal	390 x 90 x 90	252	6.4	25	
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D10117.1	Split Capping Unit	390 x 40 x 90	600	3.2		
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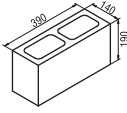


10.101	Sandhurst Stone	390 x 190 x 90	144	13.9	12.5	
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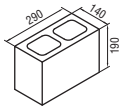
* Some solid units are provided with splitting guides to enable fabrication of fractions on site.

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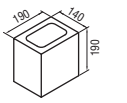
Block (Continued)



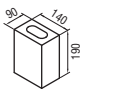
D1501.1	Full Length Hollow	390 x 190 x 140	114	13.3	12.5	
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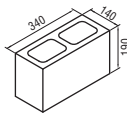
D1502.1	3/4 Length Hollow	290 x 190 x 140	140	11.6		
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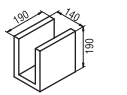
D1503.1	1/2 Length Hollow	190 x 190 x 140	200	7.4		
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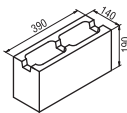
D1504.1	1/4 Length Hollow	90 x 190 x 140	400	4.1		
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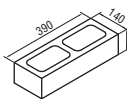
D1522.1	340mm Corner Block	340 x 190 x 140	110	11.2		
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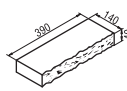
D1515.1	Lintel	190 x 190 x 140	257	6.7		
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D1542.1	Notched Block	390 x 190 x 140	114	12.6		
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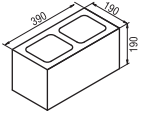
D1571.1	Full Length 1/2 Height Hollow	390 x 90 x 140	190	6.1		
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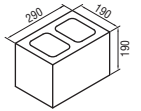
D15117	Split Capping Unit	390 x 40 x 140	270	4.8		
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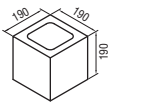
Block (Continued)



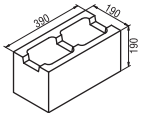
D2001.1	Full Length Hollow	390 x 190 x 190	90	16.5	12.5	
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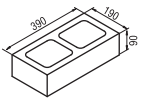
D2002.1	3/4 Length Hollow	290 x 190 x 190	100	13.1		
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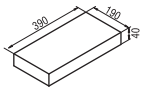
D2003.1	1/2 Length Hollow	190 x 190 x 190	150	8.4		
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D2042.1	Notched Block	390 x 190 x 190	90	15.6		
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D2071.1	Full Length 1/2 Height Hollow	390 x 90 x 190	150	7.2		
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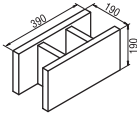
D5031.1	Capping Unit	390 x 40 x 190	270	6.4		
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Brick and Block Mesh

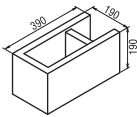
30m Bundles. Available in widths of 50mm, 100mm and 150mm.

Products	Code	Description	Size (mm) l x h x w	Qty. per pallet	Unit weight (kg)	Unit per m ²	Price
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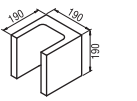
Retaining Wall Systems



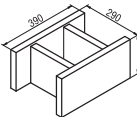
D2091.1	Double Wedd H Block	390 x 190 x 190	90	14.3	12.5	
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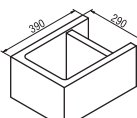
D2092.1	End Block	390 x 190 x 190	90	14.1		
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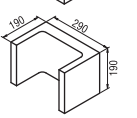
D2093.1	1/2 End Block	190 x 190 x 190	189	9.1		
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D3091.1	Double Webb H Block	390 x 190 x 290	50	19.7	12.5	
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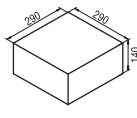


D3092.1	End Block	390 x 190 x 290	50	20.7		
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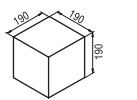


D3093.1	1/2 End Block	190 x 190 x 290	130	11.8		
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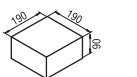
Base Block Series



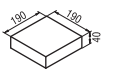
D30350	Base Block	290 x 140 x 290	60	25.6		
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D2033	190mm Riser	190 x 190 x 190	120	14.7		
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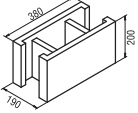
D1033	90mm Riser	190 x 90 x 190	240	7.2		
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D5033	40mm Riser	190 x 40 x 190	540	3.2		
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Form Block®

	F1991.1	Standard Block	380 x 200 x 190	72	15.7	13	
	F1993.1	Standard Half End Block	190 x 200 x 190	144	8.0		
	F1992.L	Left Hand End Corner Block	380 x 200 x 190	72	14.0		
	F1992.R	Right Hand End Corner Block	380 x 200 x 190	72	14.0		
	F19BRDG	Form Bridge 190mm					

Form Block® Grouting

Always refer to the Adbri Masonry Form Block® brochure when installing Form Block® 190mm Series - 1m³ grout fills approx. 116 standard units.

Technical Information

Standards

All Adbri Masonry concrete blockwork is manufactured to AS/NZS4455 - Masonry Units and Segmental Pavers and tested to AS/NZS4456 - Masonry Units and Segmental Pavers/ Methods of Test.

Fire Resistance

AS3700 - Masonry Structures sets out the method for determining fire resistance of walls based on test data. It is recommended that designers calculate or check the structural adequacy, integrity and insulation for each wall configuration to ensure conformance to the Building Code of Australia (BCA). Adbri Masonry have an extensive range of bricks and blocks meeting the requirements of the BCA. Refer to the Adbri Masonry Fire & Sound brochure for more information.

Acoustics

The statutory requirements for sound attenuation are set out in Section F5 of the BCA. The new BCA deemed-to-satisfy provisions increase the levels of airborne sound insulation and apply to wall/floor systems tested in the laboratory. These figures are $R_w + C_{tr}$ not less than 50. Adbri Masonry have a number of high performance wall systems which have been developed to accommodate the new stringent requirements imposed by the BCA, to satisfy all acoustic needs. Refer to the Adbri Masonry Fire and Sound brochure for more information.

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.

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 MA42. 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.



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APC Roxby Downs

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E tony.rigden@bigpond.com
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F (08) 8234 9644
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F (08) 8299 9688
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