







BRIKMAKERS
INSPIRING INNOVATION

MASONRYBLOCK Masonry Utility Block

100mm Series

Technical Information	 10.01	 LOAD BEARING 20	 LOAD BEARING 25	 10.31	 10.71	 10.83	 10.101 SPLITFACE
Length x Width x Height (mm)	390 x 90 x 190	390 x 90 x 190	390 x 90 x 190	390 x 90 x 190	390 x 90 x 90	390 x 90 x 90	390 x 90 x 190
Pallet dimensions (mm)	810 x 120 x 910	810 x 120 x 910	810 x 120 x 910	810 x 120 x 910	810 x 120 x 910	810 x 120 x 910	810 x 120 x 910
Dimensional category	DW1	DW1	DW1	DW1	DW1	DW1	DW1
No per pack	144	144	144	108	300	264	108
Approximate number per m ² (including mortar joint)	12.5	12.5	12.5	12.5	25	25	12.5
Approximate unit weight (kg)	9.7	9.7	9.7	14.2	5.4	6.8	15.4
Approximate pack weight (kg)	1,397	1,397	1,397	1,534	1,620	1,795	1,665
Coring orientation	Vertical	Vertical	Vertical	Solid	Vertical	Solid	Solid
Characteristic unconfined compressive strength f_{uc} (MPa)	> 15	> 20	> 25	> 25	> 15	> 25	> 25
24 hour cold water absorption (%)	< 8	< 8	< 8	< 8	< 8	< 8	< 8
Nominal wall surface density (kg/m ²)	150	150	150	200	150	200	200
Material density (kg/m ³)	> 2,100	> 2,100	> 2,100	> 2,100	> 2,100	> 2,100	> 2,100
Co-efficient of contraction (mm/m/15yrs)	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Gross initial rate of absorption (kg/m ² /min)	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Salt attack resistance category	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure
Liability to efflorescence	Nil to Slight	Nil to Slight	Nil to Slight	Nil to Slight	Nil to Slight	Nil to Slight	Nil to Slight
Lime pitting	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Solar absorptance rating	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Estimated weight sound (with 13mm render both sides)	45	45	45	45	45	45	45
Fire resistance level for insulation - FRL (min)							
Single leaf wall unrendered (min)	60	60	60	60	60	60	60
Fully grouted and rendered both sides (core filled) (min)	90	90	90	90	90	90	90

 Fire Resistance

 Sound Transmission

 Accessories

 1300 360 344

 www.brikmakers.com

 info@brikmakers.com

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All Brikmakers' specifications testing is carried out in accordance with Australian/New Zealand Standards AS/NZS 4456 test methods where applicable. Durability classification is based on product knowledge under Perth, Western Australia climatic conditions. This technical information represents average properties obtained from production lots. If specific test results are required, samples should be taken from current production lots.

Fire Resistance Levels (FRLs) are specified in the Building Code of Australia and the Masonry Code (AS3700). FRLs are quoted in minutes.

FRL information provided is derived from test, opinion or deemed to satisfy. Design of fire rated walls should be checked by a suitably qualified Engineer.

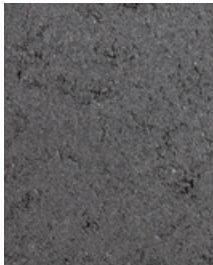
Weighted Sound Reduction Index (Rw) provided is derived from test, opinion or deemed to satisfy. Design of sound walls should be checked by a suitably qualified Acoustic Engineer.

Information is subject to change without notice. All colours are indicative only.

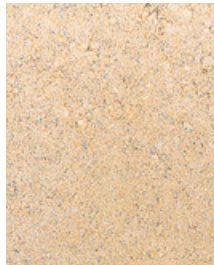
Please confirm all technical, colour and installation specifications are applicable to your application.

Available Colours

Colours can be made to specific requirements to suit your application. Please contact your sales representative for more information or call Brikmakers on 1300 360 344.



CHARCOAL



NATURAL



GREY

Note: Other colours made to order.
Minimum quantities apply.