










Technical Information	 15.01	 LOAD BEARING 20	 LOAD BEARING 25	 15.705 FIRE RATED	 15.702 FIRE RATED	 15.42	 15.31	 15.71	 15.83
Length x Width x Height (mm)	390 x 140 x 190	390 x 140 x 190	390 x 140 x 190	390 x 140 x 190	290 x 140 x 190	390 x 140 x 190	390 x 140 x 190	390 x 140 x 90	390 x 140 x 90
Pallet dimensions (mm)	810 x 1200 x 910	810 x 1200 x 910	810 x 1200 x 910	810 x 1200 x 910	810 x 1200 x 910	810 x 1200 x 910	810 x 1200 x 910	810 x 1200 x 910	810 x 1200 x 910
Dimensional Category	DW1	DW1	DW1	DW1	DW1	DW1	DW1	DW1	DW1
No per pallet	120	120	120	96	128	120	80	200	160
Approx number per m <sup>2</sup> (including mortar joint)	12.5	12.5	12.5	12.5	16.7	12.5	12.5	25	25
Approximate unit weight (kg)	12.9	12.9	12.9	17.2	13.0	13.0	23.3	5.8	11.6
Approximate pallet weight (kg)	1,548	1,548	1,548	1,651	1,664	1,560	1,864	1,164	1,856
Coring orientation	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Solid	Vertical	Solid
Characteristic unconfined compressive strength f <sub>uc</sub> (MPa)	> 15	> 20	> 25	> 18	> 18	> 15	> 20	> 15	> 15
24 hour cold water absorption (%)	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
Nominal wall surface density (kg/m <sup>2</sup> )	185	185	185	235	245	185	200	185	200
Material density (kg/m <sup>3</sup> )	> 2100	> 2100	> 2100	> 2100	> 2100	> 2100	> 2100	1,105	2,203
Dry bulk density (kg/m <sup>3</sup> )	1,456	1,456	1,456	1,768	1,768	1,664	2,100	1,664	2,100
Co-efficient of expansion - e <sub>m</sub> (mm/m/15yrs)	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Gross initial rate of absorption (kg/m <sup>2</sup> /min)	< 1.8	< 1.8	< 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	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	Nil to Slight	Nil to Slight
Lime pitting	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Solar absorptance rating	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Estimated weighted sound reduction index - RW hollow/core filled	45/52	45/52	45/52	45/52	45/52	45/52	52	45/52	52
Fire resistance level for insulation -FRL (min)									
Single leaf wall unrendered (min)	60	60	60	120	120	60	120	60	120
Fully grouted (core filled) (min)	120	120	120	120	120	120	120	120	120



MASONRYBLOCK Masonry Utility Block

## 150 Series

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.