













# Standard Common

Technical Information	 CORED	 PAINT GRADE	 CUTFACE	 LOAD BEARING 15	 LOAD BEARING 18	 LOAD BEARING 20	 LOAD BEARING 25	 FIRE RESISTANT	 SALT RESISTANT GRADE	 MANHOLE	 SOLID	 RENDERS
Length x Width x Height (mm)	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76	230 x 110 x 76
Pack dimensions (mm)	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912	920 x 660 x 912
Dimensional category	DW1	DW1	DW1	DW1	DW1	DW1	DW1	DW1	DW1	DW1	DW1	DW0
No per pack	264	264	264	264	264	264	264	264	264	264	264	264
Approx number per m <sup>2</sup> (including mortar joint)	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
Approx unit weight (kg)	2.8	2.8	2.8	2.8	3.2	3.4	3.4	3.0	3.2	3.2	3.8	2.8
Approx pack weight (kg)	739	739	739	739	845	898	898	792	845	845	1,003	739
Coring orientation	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Nil	Vertical
Characteristic unconfined compressive strength f <sub>uc</sub> (MPa)	> 12	> 12	> 12	> 15	> 18	> 20	> 25	> 12	> 12	> 15	> 25	> 10
24 hour cold water absorption (%)	< 12	< 12	< 12	> 12	< 10	< 10	< 10	< 12	< 9	< 8	< 12	< 15
Normal wall surface density (kg/m <sup>2</sup> )	170	170	170	170	180	200	200	185	185	185	215	170
Dry bulk density (kg/m <sup>3</sup> )	1,456	1,456	1,456	1,456	1,664	1,768	1,768	1,560	1,664	1,664	1,976	1,456
Co-efficient of expansion - em(mm/m/15yrs)	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1.0
Perforation volume (%)	< 30	< 30	< 30	< 30	< 25	< 25	< 25	< 25	< 30	< 25	Nil	< 30
Gross initial rate of absorption (kg/m <sup>2</sup> /min)	< 2.2	< 2.2	< 2.2	< 1.8	< 1.8	< 1.8	< 1.8	< 2.2	< 1.8	< 1.8	< 2.2	< 2.2
Salt attack resistance category	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure	Exposure	General Purpose
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	Nil to Slight	Nil to Slight	Nil to Slight
Lime pitting	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Solar absorptance rating	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Fire resistance level for insulation - FRL (min)												
Single leaf wall unrendered (mm)	90	90	90	90	90	90	90	120	90	90	90	90
Single leaf wall 20mm rendered both sides (mm)	120	120	120	120	120	120	120	120	120	120	120	120



CLAYBRICK Utility Brick

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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.

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