






# Verticlay 1½ Course

Technical Information					
	CORED	PAINT GRADE	LOAD BEARING 15	LOAD BEARING 18	LOAD BEARING 20
Length x Width x Height (mm)	305 x 90 x 119	305 x 90 x 119	305 x 90 x 119	305 x 90 x 119	305 x 90 x 119
Pack dimensions (mm)	920 x 715 x 910	920 x 715 x 910	920 x 715 x 910	920 x 715 x 910	920 x 715 x 910
Dimensional category	DW1	DW1	DW1	DW1	DW1
No per pack	162	162	162	162	162
Approx number per m <sup>2</sup> (including mortar joint)	24.6	24.6	24.6	24.6	24.6
Approximate unit weight (kg)	4.7	4.7	4.7	4.8	5.0
Approximate pack weight (kg)	761	761	761	778	810
Coring orientation	Vertical	Vertical	Vertical	Vertical	Vertical
Characteristic unconfined compressive strength f <sub>uc</sub> (MPa)	> 12	> 12	> 15	> 18	> 20
24 hour cold water absorption (%)	< 12	< 12	< 12	< 10	< 10
Nominal wall surface density (kg/m <sup>2</sup> )	133	133	133	140	145
Dry bulk density (kg/m <sup>3</sup> )	1,439	1,439	1,439	1,439	1,531
Co-efficient of expansion -em(mm/m/15yrs)	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Perforation volume (%)	< 30	< 30	< 30	< 25	< 25
Gross initial rate of absorption (kg/m <sup>2</sup> /min)	< 2.2	< 2.2	< 2.2	< 2.2	< 1.8
Salt attack resistance category	Exposure	Exposure	Exposure	Exposure	Exposure
Liability to efflorescence	Nil to Slight	Nil to Slight	Nil to Slight	Nil to Slight	Nil to Slight
Lime pitting	Nil	Nil	Nil	Nil	Nil
Solar absorptance rating	Medium	Medium	Medium	Medium	Medium
Fire resistance level for insulation -FRL (min)					
Single leaf wall unrendered (min)	60	60	60	60	60
Single leaf wall 20mm render both sides (min)	90	90	90	90	90



**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 Australian 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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