

Cockburn Brickies Lite Coastal M4

CUSTOMER SERVICE AND ORDERS

(08) 9411-1166

TECHNICAL SUPPORT

(08) 9411-1111

GENERAL ENQUIRY

(08) 9411-1000

MSDS

(08) 9411-1111

www.cockburncement.com.au

MANUFACTURE ADDRESS

Leath Road

Naval Base

WA 6165

ABN

50 008 673 470

Safety Precautions

Nominal Composition

Component	% vol	% wt	AS3700 parts by vol
Portland GP cement	66	85	1
Hydrated Lime	33	15	0.5
Minor additional constituents	<1	<1	

When mixed with appropriate quantity of sand complies with mortar type M4 as defined in AS3700

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS1316 limit	Test Method
Setting Time	Initial	80	105	130	>75	AS2350.4
	Final	130	160	190	<720	AS2350.4
Soundness autoclave	mm	0	0.05	0.12	<1	AS2350.17
Compressive Strength	7 day	31	36	41	>3.5	AS2350.11
	28 day	36	40	44	>6	AS2350.11
Water Retention	%	70	80	90	>70	AS2350.18
Air content	%	12	15	18	10 to 25	AS2350.16
Flexural Strength Bond Wrench Test	MPa		0.5		>0.2	AS3700

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS1316 limit	Test Method
CaO	%	63	64	65		AS2350.2
SiO ₂	%	17.4	18	18.7		AS2350.2
Al ₂ O ₃	%	4.3	4.6	4.9		AS2350.2
Fe ₂ O ₃	%	2.2	2.4	2.6		AS2350.2
MgO	%	1.6	1.84	2.1		AS2350.2
SO ₃	%	1.9	2.3	2.6		AS2350.2
Loss on ignition	%	5	5.6	6.4		AS2350.2

¹ – Results for minimum and maximum values indicate 95% confidence interval limits. Individual sample results may fall outside the values stated above.

