

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



Cockburn Brickies Lite

Nominal Composition

Component	% vol	% wt	AS3700 parts by vol
Portland GP cement	50	75	1
Hydrated Lime	50	25	1
Minor additional constituents	<1	<1	

When mixed with appropriate quantity of sand complies with mortar type M3 as defined in AS3700

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS1316 limit	Test Method
Setting Time	Initial	70	105	140	>75	AS2350.4
	Final	140	170	200	<720	AS2350.4
Soundness autoclave	mm	0	0.1	0.2	<1	AS2350.17
Compressive Strength	7 day	24	28	33	>3.5	AS2350.11
	28 day	26	31	35	>6	AS2350.11
Water Retention	%	75	81	87	>70	AS2350.18
Air content	%	18	20	23	10 to 25	AS2350.16
Flexural Strength Bond Wrench Test – 7 day	MPa		0.5			AS3700

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS1316 limit	Test Method
CaO	%	63.9	64.7	65.6		AS2350.2
SiO ₂	%	17	17.7	18.4		AS2350.2
Al ₂ O ₃	%	3.6	4	4.4		AS2350.2
Fe ₂ O ₃	%	0.57	0.62	0.68		AS2350.2
MgO	%	2.7	2.82	2.95		AS2350.2
SO ₃	%	1.8	2.2	2.6		AS2350.2
Loss on ignition	%	6.1	6.8	7.4		AS2350.2

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