

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 Grey

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	80	120	160	>75	AS2350.4
	Final	140	180	180	<720	AS2350.4
Soundness	mm	0	0.05	0.15	<1	AS2350.17
Compressive Strength	7 day	28	32	37	>3.5	AS2350.11
	28 day	32	36	41	>6	AS2350.11
Water Retention	%	74	81	88	>70	AS2350.18
Air content	%	18	20	22	10 to 25	AS2350.16
Flexural Strength Bond Wrench Test – 7 day	MPa		0.4			AS3700

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS1316 limit	Test Method
CaO	%	62.7	64.0	65.2		AS2350.2
SiO ₂	%	16.7	17.5	18.6		AS2350.2
Al ₂ O ₃	%	4.0	4.4	4.9		AS2350.2
Fe ₂ O ₃	%	2.2	2.34	2.5		AS2350.2
MgO	%	1.7	1.9	2.2		AS2350.2
SO ₃	%	1.8	2.2	2.6		AS2350.2
Loss on ignition	%	5.5	6.2	6.9		AS2350.2

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