

CUSTOMER SERVICE AND ORDERS

(08) 9411-1166

TECHNICAL SUPPORT

(08) 9411-1111

GENERAL ENQUIRY

(08) 9411-1000

MSDS

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www.cockburncement.com.auwww.swancement.com.au

MANUFACTURE ADDRESS

Leath Road

Kwinana

WA 6167

ABN

50 008 673 470

Safety Precautions



Grey GP (ex Kwinana)

Nominal Composition

Component	%	AS3972
Portland cement	>95	>92.5
Limestone	<7	<7.5
Minor additional constituents	<1	

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method	
Setting Time	Initial	min	80	110	140	>45	AS2350.4
	Final	min	140	170	200	<360	AS2350.4
Soundness	mm	0	1	3	<5	AS2350.5	
Compressive Strength	3 day	MPa	35	38	42		AS2350.11
	7 day	MPa	46	50	54	>35	AS2350.11
	28 day	MPa	58	63	69	>45	AS2350.11
Fineness	m ² /kg	350	370	390		AS2350.8	

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method
CaO	%	63.1	63.7	64.4		AS2350.2
SiO ₂	%	20.0	20.4	20.8		AS2350.2
Al ₂ O ₃	%	5.1	5.4	5.8		AS2350.2
Fe ₂ O ₃	%	2.6	2.8	3.0		AS2350.2
MgO	%	1.1	1.3	1.5		AS2350.2
SO ₃	%	2.3	2.7	3.0	<3.5	AS2350.2
Na ₂ O equivalent	%	0.4	0.5	0.6		AS2350.2
Chloride	%	0.00	0.01	0.04	<0.10	AS2350.2
Loss on ignition	%	1.5	2.2	2.7		AS2350.2

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