

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
www.swancement.com.au

MANUFACTURE ADDRESS

Leath Road

Kwinana

WA 6167

ABN

50 008 673 470

GB (ex Kwinana)

Nominal Composition

Component	%	AS3972
Type GP Cement	>63	<92.5
Blast Furnace Slag	<33	>7.5

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method
Setting Time	Initial	60	105	160	>45	AS2350.4
	Final	105	165	220	<360	AS2350.4
Soundness	mm	0	1	2	<5	AS2350.5
Compressive Strength	3 day	35	38	43	>35	AS2350.11
	7 day	43	48	55	>45	AS2350.11
	28 day	55	61	66	>45	AS2350.11
Fineness	m ² /kg	380	410	440		AS2350.8

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method
CaO	%	63.0	64.1	65.1		AS2350.2
SiO ₂	%	19.8	20.5	21.2		AS2350.2
Al ₂ O ₃	%	4.8	5.2	5.4		AS2350.2
Fe ₂ O ₃	%	2.6	2.8	3.0		AS2350.2
MgO	%			2.4		AS2350.2
SO ₃	%	2.1	2.4	2.7	<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	%	0.0		3.0		AS2350.2

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

Safety Precautions

