

CUSTOMER SERVICE AND ORDERS

(08) 9411-1166

TECHNICAL SUPPORT

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GENERAL ENQUIRY

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MSDS

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

MANUFACTURE ADDRESS

Lot 242

Russell Road East

Munster

WA 6166

ABN

50 008 673 470

Grey GP (ex Munster)

Nominal Composition

Component	%	AS3972
Portland cement	>95	>92.5
Limestone	<7.5	<7.5

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method	
Setting Time	Initial	min	90	120	150	>45	AS2350.4
	Final	min	150	180	225	<360	AS2350.4
Soundness	mm	0	1	2	<5	AS2350.5	
Compressive Strength	3 day	MPa	34	38	42		AS2350.11
	7 day	MPa	46	50	55	>35	AS2350.11
	28 day	MPa	58	63	68	>45	AS2350.11
Fineness	m ² /kg	390	415	440		AS2350.8	

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method
CaO	%	63	64	65		AS2350.2
SiO ₂	%	19.4	20.1	20.7		AS2350.2
Al ₂ O ₃	%	4.9	5.4	5.7		AS2350.2
Fe ₂ O ₃	%	2.7	2.9	3.2		AS2350.2
MgO	%	1.1	1.3	1.5		AS2350.2
SO ₃	%	2.0	2.4	2.8	<3.5	AS2350.2
Na ₂ O equivalent	%	0.4	0.5	0.6		AS2350.2
Chloride	%	0.01	0.015	0.03	<0.10	AS2350.2
Loss on ignition	%	1.5	2.4	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

