

Minecem Cement (ex Munster)

CUSTOMER SERVICE AND ORDERS

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TECHNICAL SUPPORT

(08) 9411-1111

GENERAL ENQUIRY

(08) 9411-1000

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

Nominal Composition

Component	%
Type GP cement	<45
Blast furnace slag	>55

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	Test Method
Setting Time					
Initial	min	100	150	200	AS2350.4
Final	min	150	210	280	AS2350.4
Soundness	mm	0	1	3	AS2350.5
Compressive Strength					
3 day	MPa	14	20	31	AS2350.11
7 day	MPa	27	35	43	AS2350.11
28 day	MPa	47	55	63	AS2350.11
Fineness	m ² /kg	370	400	450	AS2350.8

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	Test Method
CaO	%	47.5	50.6	53.7	AS2350.2
SiO ₂	%	25.4	27.5	29.6	AS2350.2
Al ₂ O ₃	%	8.8	9.9	11.0	AS2350.2
Fe ₂ O ₃	%	1.3	1.5	1.8	AS2350.2
MgO	%	3.5	4.0	4.5	AS2350.2
SO ₃	%	2.4	2.9	3.4	AS2350.2
Na ₂ O equivalent	%	0.4	0.46	0.53	AS2350.2
Chloride	%	0.006	0.014	0.023	AS2350.2
Loss on ignition	%	0.5	1.5	2.0	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

