

CUSTOMER SERVICE AND  
ORDERS

(08) 8984-0600

## TECHNICAL SUPPORT

(08) 9411-1111

## GENERAL ENQUIRY

(08) 8984-0600

## MSDS

(08) 9411-1111

[www.cockburncement.com.au](http://www.cockburncement.com.au)[www.swancement.com.au](http://www.swancement.com.au)

## MANUFACTURE ADDRESS

810 Berrimah Road

Berrima

NT 0828

## ABN

50 008 673 470

Safety Precautions



## Minecem (ex Darwin)

## Nominal Composition

Component	%	AS3972
Type GP Cement	<38	<92.5
Blast furnace slag	>62	>7.5

## Physical Properties

Parameter	Units	Minimum <sup>1</sup>	Typical	Maximum <sup>1</sup>	AS3972 limit <sup>2</sup>	Test Method	
Setting Time	Initial	minutes	140	180	210	>45	AS2350.4
	Final	minutes	210	260	300	<600	AS2350.4
Soundness	mm	0	1	3	<5	AS2350.5	
Compressive Strength	3 day	MPa	11	14	17	>20	AS2350.11
	7 day	MPa	23	26	29		AS2350.11
	28 day	MPa	47	51	55		>35
Fineness	m <sup>2</sup> /kg	330	360	390		AS2350.8	

## Chemical Properties

Parameter	Units	Minimum <sup>1</sup>	Typical	Maximum <sup>1</sup>	AS3972 limit <sup>2</sup>	Test Method
CaO	%	49.0	50.5	52.0		AS2350.2
SiO <sub>2</sub>	%	27.5	28.5	29.5		AS2350.2
Al <sub>2</sub> O <sub>3</sub>	%	9.5	10.0	10.5		AS2350.2
Fe <sub>2</sub> O <sub>3</sub>	%	1.3	1.5	1.8		AS2350.2
MgO	%	3.4	3.7	4.0		AS2350.2
SO <sub>3</sub>	%	2.1	2.6	3.3	<3.5	AS2350.2
Na <sub>2</sub> O equivalent	%	0.3	0.4	0.6		AS2350.2
Chloride	%	0.00	0.01	0.02	<0.10	AS2350.2
Loss on ignition	%	0.0	1.0	1.5		AS2350.2

<sup>1</sup> – Results for minimum and maximum values indicate 95% confidence interval limits based on 12 months data preceding the issue date. Confidence limits adjusted for non-normal distributions. Individual sample results may fall outside the values stated above.

<sup>2</sup> – AS3972 Blended Cement performance limits are applied to this product