

# Safety and Ordering

## SAFETY

Avoid direct skin contact with both wet and dry cement. Avoid breathing cement dust by wearing a P1 or P2 dust mask suitable for airborne dust. Wear appropriate protective clothing and footwear.

Additional information in the form of Material Safety Data Sheets is available on request. Phone 1300-138-996.



## FIRST AID

In the event of skin contact wash with clean water to minimise possible irritation. If material gets into eyes wash immediately and repeatedly with eye wash solution or clean water.

Cockburn Creme High Early Cement is available in:



\* Contact customer service on (08) 9411 1166 for availability and sizes.



## NEED TECHNICAL HELP?

For more information contact Technical Support on our help-line **1300-138-996** or visit our website [www.cockburncement.com.au](http://www.cockburncement.com.au)

## SALES AND ORDERING

Customer Service Centre:  
**(08) 9411 1166**

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# Cockburn Creme® High Early Cement



PRODUCT INFORMATION



COCKBURN CREME HIGH EARLY CEMENT

# PRODUCT INFORMATION AND PROPERTIES

Australia's leading cream coloured cement is manufactured by *Cockburn Cement* here in Western Australia. Available in bags for commercial use in the making of retaining walls, panels, blocks, bricks, pavers or ornaments, *Cockburn Creme* HE cement gives you high strength - "fast", giving you excellent turnaround on your moulds.

When you use *Cockburn Creme* HE cement, you're assured of getting the perfect colour and the best results for your product, every time.



## Concrete Guide

MIX	Concrete use		
A	High strength structural mixes: precast concrete and heavy duty floors.		
B	General structural concrete: paths, driveways, garage floors.		
C	Footings: domestic brick walls, fence posts.		
Parts by volume			
MIX	Cement	Concrete Sand	Aggregate
A	1	1.5	3
B	1	2.0	4
C	1	2.5	5
Materials required to make 1m <sup>3</sup> of concrete			
MIX	Cement (20kg bags)	Concrete Sand (m <sup>3</sup> estimate)	Aggregate (m <sup>3</sup> estimate)
A	18	0.5	1
B	14	0.5	1
C	12	0.5	1

## General Notes:

- Use only recommended concrete sands free from clay and organic contamination.
- Use a 50/50 blended 20mm + 10mm stone for concrete aggregate.
- Keep water content to the minimum required for placing.
- The more water, the lower the strength.
- Use standard sized vessel e.g., a bucket, to measure all materials.
- Any admixtures used should only be added according to the manufacturers instructions.
- Quantities are typical industry usage and will vary according to excavation accuracy and individual waste patterns.
- For additional information please refer to [www.cockburncement.com.au](http://www.cockburncement.com.au)



## Chemical Properties

Parameter	CCL Typical	AS3792 Limits	Test Method
SiO <sub>2</sub>	21.5%	3.5% Max	XRF
Al <sub>2</sub> O <sub>3</sub>	4.5%		XRF
Fe <sub>2</sub> O <sub>3</sub>	0.5%		XRF
CaO	65.9%		XRF
MgO	2.4%		XRF
SO <sub>3</sub>	2.5%		XRF
LOI	1.9%		AS2350.2
Chloride	0.01%		ASTM C114
Na <sub>2</sub> O	0.4%		XRF
Equivalent			



## Cockburn Creme High Early Cement

				
Premix	Site Mix	Brickwork	Moulded Products	Renders

## Physical Properties

Parameter	CCL Typical	AS3972 Limits	Test Method
Fineness Index	410 m <sup>2</sup> /kg	n/a	AS2350.8
Normal Consistency	29.0%	n/a	AS2350.3
Initial Set Time	105 min	0:45 hour:min Min	AS2350.4
Final Set Time	165Min	6:00 hour:min Max	AS2350.4
Soundness	1mm	5mm Max	AS2350.5
ISOCEN Mortar Bar Strengths			
3 day	47 MPa	25 MPa Min	AS2350.11
7 day	54 MPa	40 MPa Min	AS2350.11
28 day	63 MPa	n/a	AS2350.11

