

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.

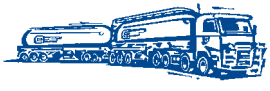


Additional information in the form of Material Safety Data Sheets is available on request. Phone 1300-138-996.



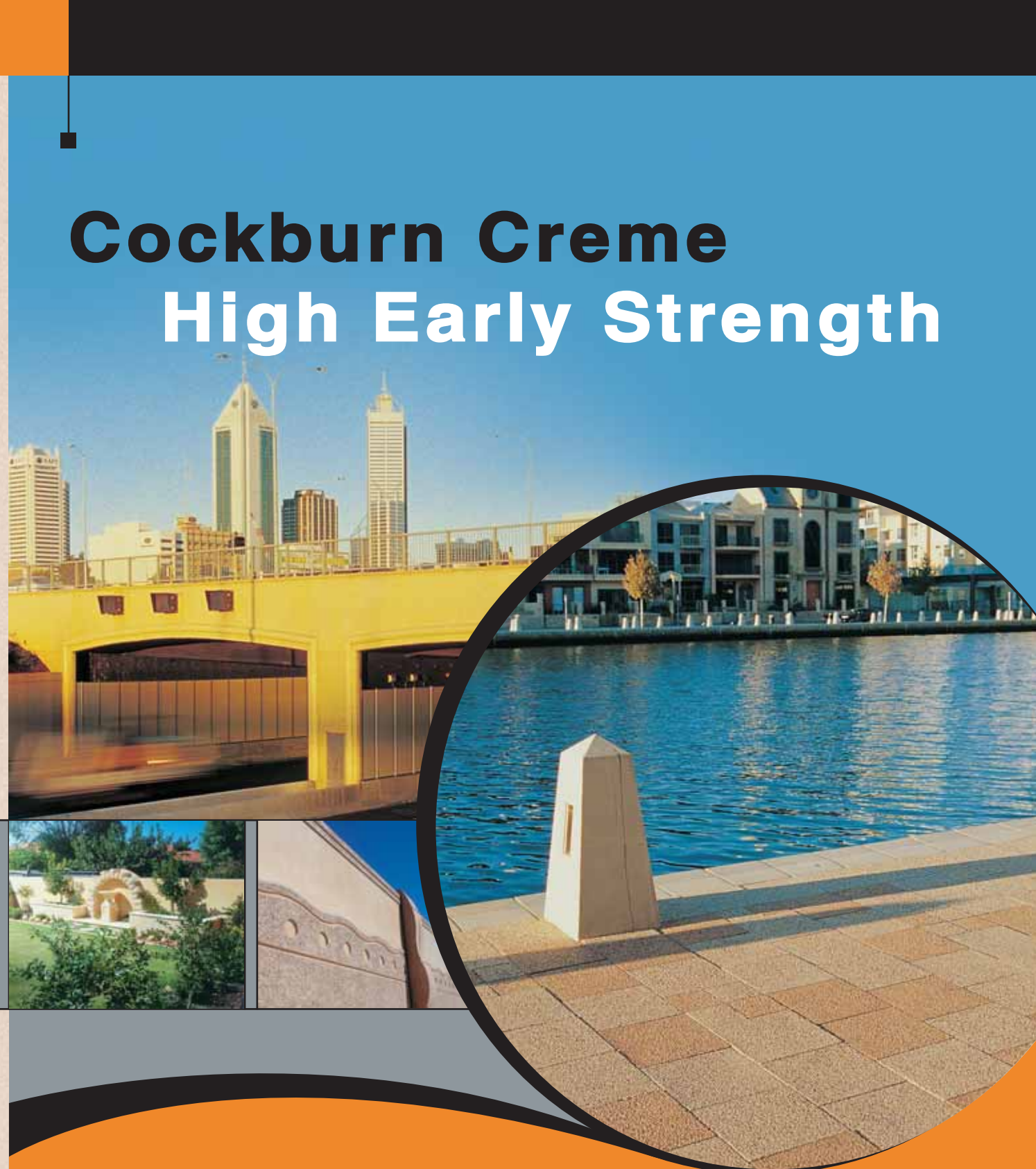
FIRST AID

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.

High Early Cement is available in:

		
Bulk Tanker	Bulker Bags*	Bags 20/40(kg)

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



NEED TECHNICAL HELP?

For more information contact Technical Support on our free-call-help-line 1300-138-996 or visit our website www.cockburncement.com.au

SALES AND ORDERING

Customer Service Centre:
(08) 9411 1166



ABN 50 008 673 470
Lot 242 Russell Road East,
Munster Western Australia 6166
PO Box 38, Hamilton Hill WA 6163
Telephone: (08) 9411 1111
Facsimile: (08) 9411 1120

Cockburn Creme High Early Strength

PRODUCT INFORMATION



COCKBURN CREME HIGH EARLY STRENGTH

PRODUCT INFORMATION AND PROPERTIES

Australia's leading cream coloured cement is manufactured by Cockburn Cement here in Western Australia. Available in bulk or 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 turnaround on your moulds.

When you use Cockburn Creme cement, you're 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 ³ Of Concrete			
MIX	Cement (20kg bags)	Concrete Sand (m ³ estimate)	Aggregate (m ³ 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 DIY information please refer to www.concrete.net.au.



Chemical Properties

Parameter	CCL Typical	AS3792-1997 Limits	Test Method
SiO ₂	21.7%	3.5% Max	XRF
Al ₂ O ₃	4.4%		XRF
Fe ₂ O ₃	0.5%		XRF
CaO	64.8%		XRF
MgO	2.7%		XRF
SO ₃	2.4%		XRF
LOI	2.6%		AS2350.2
Chloride	0.007%		ASTM C114
Na ₂ O	0.4%		ASTM C114
Equivalent			



Cockburn Creme High Early Cement

Premix	Site Mix	Brickwork	Moulded Products	Renders

Physical Properties

Parameter	CCL Typical	AS3972-1997 Limits	Test Method
Fineness Index	420 m ² /kg	n/a	AS2350.8
Normal Consistency	29.5%	n/a	AS2350.3
Initial Set Time	130 min	0:45 hour:min Min	AS2350.4
Final Set Time	200 Min	10:00 hour:min Max	AS2350.4
Soundness	1mm	5mm Max	AS2350.5
ISOCEN Mortar Bar Strengths			
3 day	44 MPa	20 MPa Min	AS2350.11
7 day	51 MPa	30 MPa Min	AS2350.11
28 day	62 MPa	n/a	AS2350.11

