

Safety and Ordering

SAFETY

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

Additional information is available in our Material Safety Data Sheets 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.



The Home Builders Easy Guide to Cement



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

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(08) 9411 1166



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THE HOME BUILDERS GUIDE



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THE HOME BUILDERS EASY GUIDE TO USING THE BEST CEMENT

BRICKLAYING, PLASTERING AND CONCRETE

Cement products are very much an integral part of your home. Time spent now will be an investment in your future. Here we have listed the best products available in WA and where to use them for the best result.

IMPORTANT: When deciding on a light or creme coloured mortar, remember that the selection of the sand is important. The colour of the sand could affect the final colour of the finished product.

BRICKLAYING

Light coloured mortars

Cockburn Creme GP Cement (20kg and 40kg)
Mixed correctly with Hy-lime and sand will give an excellent cream colour and great durability.

Brickies Lite (17.85kg)
In a 17.85kg bag, this is Cockburn Creme Cement pre-blended with Hy-lime, so all you have to do is mix in the sand and water. One bag per mix will give consistent results.

Mortar Pack (30kg)
Available in cream and grey 30kg bags. Premixed ready to use pack including cement, Hy-lime and sand (just add water). Blended to M3 mortar specification.

White GP Cement (40kg)
If you want a white mortar, mix with Hy-lime and white brickies sand.

Grey coloured mortars

General Purpose Cement (20kg and 40kg)
Available in 20kg and 40kg bags and when mixed with Hy-lime and sand in the correct proportions will give a consistent, easy to work mortar.

Brickies Grey (17.85kg)
In a 17.85kg bag, this is General Purpose Grey Cement pre-blended with Hy-lime, so all you have to do is mix in the sand and water. One bag per mix will give consistent results.

Masonry Cement (20kg)
Cockburn Masonry Cement has a plasticiser added during the production process and only needs to be mixed with sand (no additives are required).

Hy-Lime (20kg)

This versatile product available in 20kg bags is designed especially for the harsh WA sands. When used in mortars, the result is a superior, easy to use mortar. It is an important component in the pre-blended products Brickies Lite, Brickies Grey and Mortar packs.

Mortar Guide

Mix	Masonry Exposure Environment
M4	Retaining Walls. Walls within 1km of a surf coastline or 100m of a non-surf coastline e.g., Estuary and coastal river zones. Walls within 1km of significant industry that releases chemical pollutants. Walls below the damp-proof course or ground level or in contact with aggressive soils.
M3	Walls between 1km and 10km of a surf coastline or between 100m and 1km of a non-surf coastline e.g., Estuary and coastal river zones. Walls in contact with fresh water or the ground in non-aggressive soils.
M2	Internal walls subject to wetting and drying of a non-saline character. External above ground walls greater than 10km of a surf coastline or greater than 1km of a non-surf coastline e.g., Estuary and coastal river zones. Interior walls not subject to wetting and drying.

Mix Design - Parts by Volume

Mix	GP Cement	Brickies Lite or Grey	Masonry Cement	Hylime	Brickies Sand
M4	1	-	-	0.5	4.5
M4	1	-	-	0.25	3
M4	-	-	1	-	3
M3	1	-	-	1	6
M3	-	1	-	-	3
M3	-	-	1	-	4
M2	1	-	-	2	9

Estimated Quantities To Place 1000 standard bricks (230 L x 110 W x 76 H)

Mix	GP Cement (20kg bags)	Brickies Lite or Grey	Masonry Cement (20kg bags)	Hylime (20kg bags)	Brickies Sand (m ³ estimate)
M4	8	-	-	1.5	0.6
M4	11	-	-	1	0.6
M4	-	-	11	-	0.6
M3	7	-	-	2.5	0.6
M3	-	10	-	-	0.6
M3	-	-	10	-	0.6
M2	5	-	-	3.5	0.6

PLASTERING

Grey coloured Wall renders

Plasterers Dark (27.8kg) - This has been designed specifically for both float and external sand finish render. It has been blended with Hy-lime to produce consistent colour and appropriate strength. It will provide greater control in the mixing than separately batched materials.

General Purpose Cement (20kg and 40kg) - When mixed with Hy-lime and plastering sand in the proportions shown below, it will give a lighter grey render than Plasterers Dark.

Brickies Grey (17.85kg) - This pre-blended grey cement and Hy-lime can also be used for internal and external renders, even though the name implies for mortars only.

Light coloured Wall renders

Cockburn Creme (20kg & 40kg) - Internal or external walls finished in a light cream colour are achieved by using Cockburn Creme, Hy-lime and plasterers sand. Most finishes can be achieved using this product.

Brickies Lite (17.85kg) - This pre-blended cream cement and Hy-lime can also be used for internal and external renders, even though the name implies for mortars only.

CONCRETE

General Purpose Cement (20kg and 40kg) - For all concrete, General Purpose Cement is the traditional choice. Mixed in the right proportions of water, sand and stone (blue metal), you will have a strong durable concrete that will give you peace of mind and outstanding serviceability.

Packaged Concrete (30kg) - Available in 30kg bags. Pre-blended with sand, cement and stone (just add water).

Postcrete (20kg and 40kg) - Pre-packed in 20kg bags ideal for fast setting, non structural applications e.g. fence posts, washlines, post boxes etc. (just add water). NOT TO BE USED FOR LOAD BEARING APPLICATIONS SUCH AS PERGOLAS AND GATE POSTS.

Render Guide - Plasterers Dark

Use	Mix Design	Bags per 100m ² @ 10mm thick
Internal Walls Floating Plasterers Dark Sand Finish Plasterers Dark Cement Dado base coat Plasterers Dark Cement Dado top coat Plasterers Dark	1C:6S 1C:5S 1C:3S 1C:1S	8 9 12 19
External Walls Sand Finish/Bagwash Plasterers Dark	1C:4S	10

Concrete Guide

Mix	Concrete Use		
A	High strength concrete mixes: precast concrete and heavy duty floors.		
B	General structural concrete: paths, driveways, garage floors.		
C	Footings: for 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
Quantities To Make One Cubic Metre of Concrete (1m ³)			
Mix	Cement (20kg bags)	Concrete Sand (m ³ estimate)	Aggregate (m ³ estimate)
A	18	0.4	0.8
B	14	0.5	0.8
C	12	0.4	0.9

Render Guide - Cement & Lime

Use Internal Walls	Substrate	Mix Ratios By Volume			Cement 20kg Bags	Hylime 20kg Bags
		Cement	Hylime	Plasterers Sand		
Float / base coat	Cored Clay Bricks	1	1	7	10	4
	Calcium Silicate	1	1.5	6	10	6
	Concrete Blocks	1	1	6	11	4
Sand finish base coat		1	1	5*	12	5
		1	1	6*	11	4
Cement Dado		use Plasterers Dark				

Render Notes:
Approximately 1.2m³ of damp sand is required for 1m³ of render.
Estimate based on 1m³ of render covering 100m² at 10mm thickness.

* For external application sand volumes should be reduced to 4.5 and 5 respectively.