

# adbri®

ADELAIDE BRIGHTON CEMENT

an ADBRI company



AUSTRALIAN MADE

# PRODUCT CATALOGUE

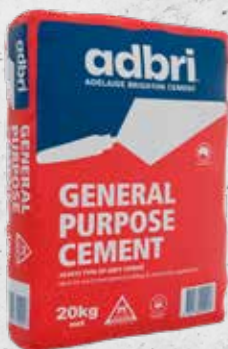
## CEMENT, LIME & DRYMIX

[adelaidebrighton.com.au](http://adelaidebrighton.com.au)

BUILDING A BETTER SOUTH AUSTRALIA SINCE 1882



## CEMENT



### 20KG BAG

PALLET = 80 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.64 TONNE

PART PALLET = 40 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.84 TONNE



General Purpose Cement is a Type GP cement ideal for use in concrete, mortars, grouts, renders, and cement based products. It is also suitable as a general binder for soil stabilisation.

AVAILABLE IN BULK AND BULK BAGS



### 20KG BAG

PALLET = 80 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.64 TONNE

PART PALLET = 40 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.84 TONNE



Premium Cement is a Type GB blended cement ideal for use in structural concrete, mortar, grouts, and cement based products. It is often used in place of our General Purpose Cement in mildly aggressive environments where early strength development is not critical. Premium cement contains nominally 30% ground granulated blast furnace slag, which is a supplementary cementitious material.

AVAILABLE IN BULK AND BULK BAGS

## LIME



### 20KG BAG

PALLET = 54 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.12 TONNE

PART PALLET = 30 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.64 TONNE



Hydrated Lime can be used in conjunction with cement for mortar and plaster mixes. It also has a multitude of other applications such as neutralisation, road soil stabilisation, asphalt and steel manufacture. Hydrated Lime is also referred to as slaked lime.

AVAILABLE IN BULK AND BULK BAGS

## CONCRETE



### 20KG BAG

PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET = 36 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



### 30KG BAG

PALLET = 40 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET = 24 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



General Purpose Concrete is a high quality, well-proportioned mix of blended cement, 10 mm crushed stone, and sand. This 25 MPa concrete is suitable for many general applications such as garden paths, stepping stones, patios, light foundations and post hole filling. It requires only the addition of clean water and mixing prior to use.

## RENDER



### 20KG BAG

PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET = 36 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



Render Coat is a multipurpose one-component polymer modified render. A carefully proportioned mix of sand, cement and additives provide excellent handling and adhesive characteristics. Ideal for rendering or patching most common substrates including masonry blocks, clay bricks, rendered walls and stonework. Also suitable for prepared and primed substrates such as AAC and off-form concrete. Only requires the addition of clean water and mixing prior to use.

## MORTAR



### 20KG BAG

PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET = 36 BAGS  
MIN. WEIGHT INCL.



Basic Mortar is a carefully proportioned 1:4 blend of cement and sand. Suitable for general purpose applications including mortar below damp course, grouting, roof tile bedding, and patching of renders. It requires only the addition of clean water and mixing prior to use.





### 20KG BAG

PALLET = 80 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.64 TONNE

PART PALLET = 40 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.84 TONNE



Brightonlite® Cement is a Type HE cement, which is a superior off-white cement that produces light coloured concrete, mortars, grouts and renders when used with light coloured sands and aggregates. It is also suitable for use with cement compatible colouring pigments.

AVAILABLE IN BULK AND BULK BAGS



### 20KG BAG

PALLET = 80 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.64 TONNE

PART PALLET  
NOT AVAILABLE



High Early Strength Cement is a Type HE Grey Cement that lends itself to applications where rapid early strength development is desired. It is a useful substitute for Type GP Grey Cement in cold weather concreting, where a faster finishing time and strength development is desired.

AVAILABLE IN BULK AND BULK BAGS



### 20KG BAG

PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET = 36 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



### 30KG BAG

PALLET = 40 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET = 24 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



Speed Set is a carefully selected mix of blended cement, 10 mm crushed stone, and sand designed to set rapidly without any mixing. It is suitable for bedding non-load bearing posts, as well as numerous other non-structural uses. No mixing is required, simply add to water to achieve a rapid set in as little as 15 minutes.



### 20KG BAG

PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET  
NOT AVAILABLE



High Strength Concrete is a high quality, well-proportioned mix of cement, 10 mm aggregate and sand. This product is suitable for higher strength applications. When mixed correctly, High Strength Concrete can achieve a nominal 50 MPa compressive strength at 28 days. Do not use in structural grade applications without approval by a qualified structural engineer.



### 20KG BAG

PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE

PART PALLET = 36 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



Brickies Grey Mortar is a carefully proportioned blend of cement, hydrated lime, and sand. It is suitable for laying masonry blocks, bricks, and stonework above the damp proof membrane. Requires only the addition of clean water and mixing prior to use.



### 8KG BUCKET

36 TUBS TO A PALLET  
MIN. WEIGHT INCL.  
PALLET 0.33 TONNE

PART PALLETS  
NOT AVAILABLE



### 20KG BAG

PALLET = 36 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE

PART PALLET  
NOT AVAILABLE



Quick Set Mortar is a carefully proportioned mix of sand, blended cement, and specially selected additives to provide a fast setting, early strength developing mortar for internal and external applications. Suitable for fixing toilet pans, grouting, patching, repairs to concrete pipes, spalled concrete and temporarily patching water leaks. Simply add water to achieve a rapid set within 30 minutes.





**20KG BAG**  
PALLET = 48 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.00 TONNE  
  
PART PALLET  
NOT AVAILABLE



Sulfate Resisting Cement is a Type SR Cement for use in concretes and mortars where there is the possibility of attack by sulfates contained in water or soil, e.g. sewage treatment works, coastal environments, etc.  
  
AVAILABLE IN BULK AND BULK BAGS



**20KG BAG**  
PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.64 TONNE  
  
PART PALLET = 30 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



Rip Rap is a blended cement in pre-filled, permeable, reinforced paper bags. The bag is designed, when wetted, to readily allow the passage of moisture through to the cement binder. Hydration of the cement then takes place leaving a solid, durable tiered barrier when placed correctly. Rip Rap is used to construct temporary and permanent retaining walls in applications such as highway/railway cuttings, pipe and culvert headwalls/sidewalls, bridge revetments, earth fills, stabilisation or underwater cables/pipelines, watercourse surrounds, landscaping, boat ramps, and permanent trench walls.



**20KG BAG**  
PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE  
  
PART PALLET = 36 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



**30KG BAG**  
PALLET = 40 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE  
  
PART PALLET = 24 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



Pave Set is a blend of carefully selected sand and gelling agents suitable for filling narrow gaps between pavers, blocks and bricks. Ideal for use in driveways, footpaths, patios and areas of high traffic. Helps inhibit weeds and insect infestation. Please consult our product data sheet for details on applications and specifications for this product.



**20KG BAG**  
PALLET = 60 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.24 TONNE  
  
PART PALLET = 36 BAGS  
MIN. WEIGHT INCL.  
PALLET 0.76 TONNE



Dried Sand can be used in numerous applications including gap filling between paving, BBQ trays, sand pits, chimeneas, etc.

**ISTRA 40  
HIGH ALUMINA  
CEMENT**

Istra 40 is a rapid hardening, high early strength, calcium alumina cement. It is commonly used in areas where high heat resistance is required, such as pizza ovens, BBQ areas and small kilns. When proportioning Istra 40 use the table below:

**25KG BAG**  
PALLET = 56 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.44 TONNE  
  
PART PALLET  
NOT AVAILABLE

USE	ISTRA 40	SAND	AGGREGATE
CONCRETE	1	1.25	3
MORTAR*	1	2	-
RENDER*	1	2	-

\*use brickie's sand for mortar work and plastering sand for render work

**PURE  
WHITE  
CEMENT**

White Cement is a Type GP cement, suitable in any application that requires premium whiteness and strength, when used in conjunction with appropriately coloured aggregates and sand,

**20KG BAG**  
PALLET = 72 BAGS  
MIN. WEIGHT INCL.  
PALLET 1.48 TONNE  
  
PART PALLET  
NOT AVAILABLE





# PRODUCT GUIDES

## CONCRETE GUIDE

MIX	CONCRETE USE
A	High strength concrete for heavy duty floor slabs, driveways, footpaths, and various landscaping applications.
B	Commonly adopted mixture for reinforced concrete beams, floors slabs, driveways, paths & footings for domestic buildings or walls

PARTS BY VOLUME			
Mix	Cement	Sand	Coarse Aggregate
A	1	2	3
B	1	2	4

The table below gives material to make approximately 1m³ of concrete.

		CEMENT	SAND	COARSE AGGREGATE
Mix	Mix Ratio	20kg Bags	(m³)	(m³)
A	1:2:3	21	0.6	0.9
B	1:2:4	16	0.5	1.0

\*Sand is approximately 1400 kg per m³.

\*Aggregate of 19mm size is approximately 1300 kg per m³.

Calculate the volume of concrete you need as follows:

Volume (m³) =  $\frac{\text{length (m) x width (m) x thickness (mm)}}{1000}$

Or calculate the area (m²) = length (m) x width (m) and use the following table

Area m²	SLAB THICKNESS MM				
	50	75	100	125	150
	m³ required				
5	0.40	0.40	0.60	0.60	0.80
10	0.60	0.80	1.0	1.4	1.6
15	0.80	1.2	1.6	2.0	2.4
20	1.0	1.6	2.0	2.6	3.0
25	1.4	2.0	2.6	3.2	3.8
30	1.6	2.4	3.0	3.8	4.6
35	1.8	2.6	3.6	4.4	5.4
40	2.0	3.0	4.0	5.0	6.0
45	2.4	3.4	4.6	5.6	6.8

Order ready mixed concrete to the nearest 0.2m³. If mixing by hand it is important to measure

Bag Size	Max Water Per Bag	Yield Per Bag	Bags/m² @50mm Thick	Bags/m² @100mm Thick	Bags/m² @150mm Thick	Bags/ m³
20kg	2.0 litres	8.5 litres	6	12	18	118
30kg	3.0 litres	13.0 litres	4	8	12	77

The information contained on this page is for general guidance only. It does not replace the advice of professional consultants. Where unusual conditions or requirements exist seek professional advice. Incorrect use of any product, or failure to adhere to recommendations on this page, or those of any supplier, and any associated safety information may result in serious damage or injury.

## MORTAR GUIDE

MIX RATIO BY VOLUME				COMMON USES
Mortar Type	Cement	Hydrated Lime	Sand	
Lime Mortar	0	1	3	Restoration work
Cement Mortar	1	0	3	Damp course, retaining walls, bathroom fittings and repairing roof tile ridge caps
Lime Cement Mortar	1	1	6	Composition mortar, general brick, block and stone wall construction. Note: NOT suitable for areas constantly damp.

Note: For more detailed information on exposure environments refer to AS370 (2001) "Masonry Structures". Adelaide Brighton Cement manufactures a range of premium grade packaged mortars which are available in 20kg bags.

## RENDER GUIDE

MIX RATIO BY VOLUME			INTERNAL EXTERNAL	APPLICATION	BACKGROUND MATERIAL
Cement	Hydrated Lime	Sand			
1	0.25	3	Internal	Singlecoat or undercoat work	
1	0.25	5	Internal	Finish coat work	
1	0.5	4.5	External	Strong mix for strong backgrounds	High strength concrete Fibre-cement sheet

## BRICKLAYING QTY. GUIDE

QUANTITY OF BRICKS	BRICK WALL AREA (M²)	DRYMIX MORTAR BAGS REQUIRED
20	0.4m²	1
50	1m²	2.5
100	2m²	5
500	10m²	25
1000	20m²	50

Note: The above table has been calculated using a standard house brick (230mm x 110mm x 76mm) with a 10mm mortar joint on a single thickness stretcher bond wall.

## POST HOLE GUIDE

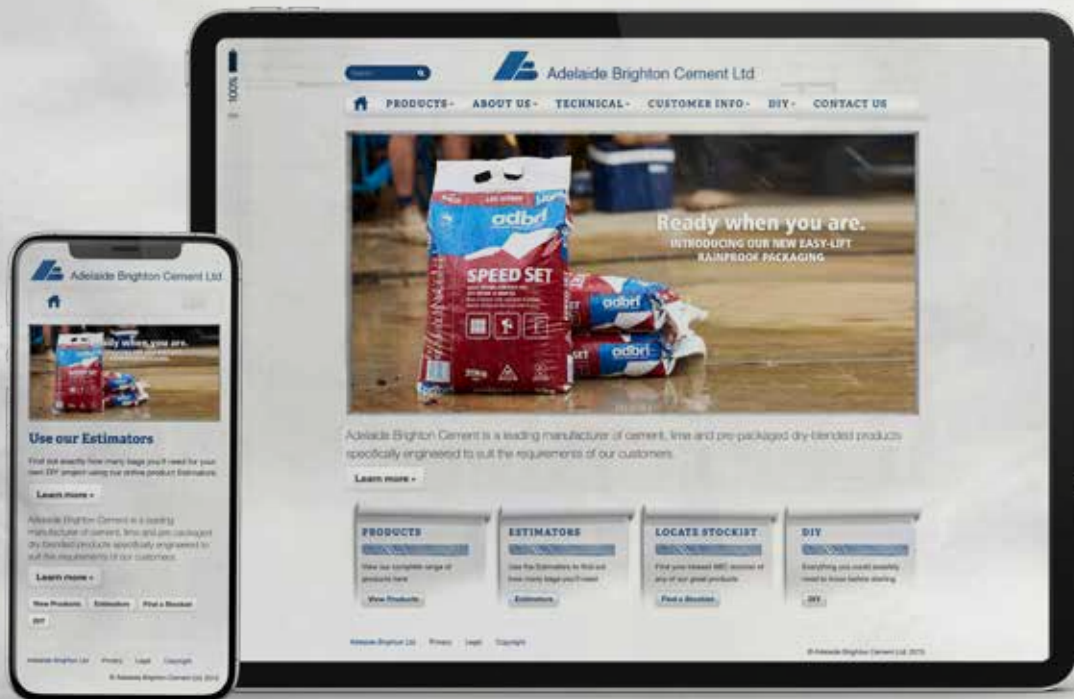
	DEPTH OF HOLE									
	200mm		300mm		400mm		500mm		600mm	
Diameter of hole	20kg Bag	30kg Bag	20kg Bag	30kg Bag	20kg Bag	30kg Bag	20kg Bag	30kg Bag	20kg Bag	30kg Bag
200mm	0.8	0.5	1.2	0.8	1.5	1.0	1.9	1.3	2.3	1.5
300mm	1.7	1.1	2.5	1.7	3.4	2.2	4.2	2.8	5.0	3.3
400mm	3.0	2.0	4.5	2.9	6.0	3.9	7.4	4.9	8.9	5.8
500mm	4.7	3.1	7.0	4.6	9.3	6.1	11.6	7.6	13.9	9.1
600mm	6.7	4.4	10.0	6.6	13.4	8.7	16.7	10.9	20.0	13.1

Note: The above calculation does not allow for the insertion of a post. This information should be used as a guide only. Any variation in the size of the hole can have a significant effect on the concrete required.

# WANT MORE INFORMATION?

Check out our website for resources and more information on our product range as well as Estimators, DIY Instructions, PDS & SDS Sheets, Technical Information, FAQ's and Contact details.

[www.adelaidebrighton.com.au](http://www.adelaidebrighton.com.au)



## Adelaide Brighton Cement Ltd

Sales & Marketing Department  
62 Elder Rd, Birkenhead SA 5015

Telephone: (08) 8300 0400

ABN: 96 007 870 199

[www.adelaidebrighton.com.au](http://www.adelaidebrighton.com.au)



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SOUTH AUSTRALIAN  
SINCE 1882**