

**BRIGHTONLITE® CEMENT****PRODUCT DESCRIPTION**

Adelaide Brighton Cement produces Brightonlite® Cement conforming to Australian Standard AS 3972.

Brightonlite® is an off white Type HE Cement.

**SUPPLY**

Brightonlite® Cement is available in 20 kg multi-walled paper bags, in bulk bags and bulk from our Angaston Works and Customer Service Centres in regional areas. Brightonlite® should be specified by name.

**SPECIFICATION**

Brightonlite® Cement exceeds the minimum specification given in AS 3972 for Type HE.

All products are manufactured under a third party certified manufacturing and supply quality assurance system to ISO 9001 (BSI Certification No FS 604665).

Brightonlite® Cement is produced from Portland Cement Clinker and Gypsum and may contain up to 7.5% mineral additions.

**APPLICATIONS**

Brightonlite® Cement is versatile in its use and has numerous applications. For example, in-situ concrete, precast concrete, concrete masonry, paving blocks, concrete tiles, garden furniture, glass reinforced cement (GRC), mortar and wherever a light coloured finish is required.

Off white cements are also often used for architectural purposes.

Brightonlite® has a high C<sub>3</sub>A content and it should not be used in any situation where sulfate attack is likely.

**HANDLING AND STORAGE**

Transportation may be in bulk road or in paper bags. Brightonlite® Cement can be stored in concrete or steel silos and in bag paper bags for up to six months provided the product is protected against the ingress of moisture. Also note that it is best to store the product away from areas of elevated temperatures as this can lead to false setting.

**SAFETY INFORMATION**

For safety information refer to the Safety Data Sheet for Brightonlite® Cement.

**TYPICAL PROPERTIES****Typical Physical Properties**

Test	Typical Value	AS 3972 Requirement
Fineness Index (m <sup>2</sup> /kg) AS 2350.8		
	425 - 475	
Setting Time (hr:min) AS 2350.4		
Initial	1:30	min 00:45
Final	2:45	max 6:00
Soundness (mm) AS 2350.5		
	1	max 5
Compressive Strengths ISO-CEN mortar bars (MPa) AS 2350.11		
3 Days	39 - 41	25
7 Days	45 - 50	40
28 Days	58 - 64	-

**Typical Chemical Properties**

Test	Units	Max AS 3972	Typical Values
Sulphur Trioxide	%	3.5	2.4
Loss on Ignition	%	-	4.2
Chloride	%	0.1	0.002
Equivalent Alkalies	%	-	0.32
Hexavalent Chromium	mg/kg	-	Trace
Crystalline Silica	%	-	Trace
Components			
Portland Clinker	%	-	85 - 90
Gypsum	%	-	3 - 8
Mineral Addition	%	7.5	up to 7.5

**CONTACT POINTS**

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- assess and control any risks associated with the information or product; and
- obtain professional advice in relation to the use of the information or product.

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