

AALBORG BRICKLAYERS WHITE® CEMENT



General

AALBORG BRICKLAYERS WHITE® Cement is manufactured in Malaysia in a modern State-of-the-Art facility to the highest European Standards. **AALBORG BRICKLAYERS WHITE®** is a white Masonry Composite Cement produced from white cement clinker and high purity limestone with added air-entraining agent. It is characterised by its outstanding whiteness, uniform composition and good workability.

Use

AALBORG BRICKLAYERS WHITE® is ideal for use in white or coloured mortar and renders. Due to its controlled air content and water retention **AALBORG BRICKLAYERS WHITE®** provides excellent workability and extended board life. Mortar made with **AALBORG BRICKLAYERS WHITE®** can be used for sharp contrast with dark bricks or to blend with light coloured brick and

Coloured renders made using **AALBORG BRICKLAYERS WHITE®** and coloured oxides provide unparalleled depth and intensity of colour.

It should be noted that the finished colour of mortars and renders made with **AALBORG BRICKLAYERS WHITE®** is influenced by the colour of the sand used. For a clean white finish or for sharp colours, white or light coloured sand should be used. If colour is important, small trial mixes should be made and allowed to dry for at least 7 days.

Management Systems

AALBORG WHITE® cement operates under an Independently certified Integrated management system which complies with the requirements of ISO 9001 for Quality and to ISO 14001 for Environment.

Test Standards

AALBORG BRICKLAYERS WHITE® is tested to ensure that it conforms to the requirements AS1316 for Masonry Composite Cement.

AALBORG BRICKLAYERS WHITE® cement conforms to local standards.

Aalborg Portland Australia Pty Ltd

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AALBORG BRICKLAYERS WHITE[®] CEMENT

Product Data

BRICKLAYERS WHITE [®]	
Type	Masonry
Limestone	23%
SO ₃	2.5%
Fe ₂ O ₃	0.17%
Chloride	0.002%
Loss on Ignition	10.7%
Insoluble Residue	0.2%
Fineness (Blaine)	420m ² /kg
Autoclave Expansion	-0.02
Air content	15%
Water Retention	75%
7-days Strength	15.7 MPa
14-days Strength	18.3 MPa
28-days strength	20.8 MPa
Flexural Strength	1.13 MPa
Ave Scratch Test	0.14M ³
Initial Set Times	125
Final Set Times	160
Whiteness (Hunter)	94

BRICKLAYERS WHITE[®]
 is available in:
 20kg paper bags

Mortar and Renders

Mix Proportions

Use the mix proportions specified in the table.

MIX PROPORTIONS (BY VOLUME)		
Application	Bricklayers White [®]	Sand
General M2 Mortar	1	4
Aggressive M4 Mortar	1	3
Render	1	3

Mix proportions should be kept consistent in order to avoid differences in the finished colour. Do not mix larger batches than can be used in 90 minutes.

Sands

Always use the correct sand for the job. Always carry out a small trial to ensure it is correct for the appropriate application.

Water

Always use clean water suitable for drinking.

Admixtures

AALBORG BRICKLAYERS WHITE[®] contains an air-entrainer to enhance workability and board life. Use of additional air-entrainer will reduce the strength of mortars and renders and is not recommended.

Mixing of Mortar

Mix the dry ingredients thoroughly. Add water gradually and mix to a soft and pliable consistency. It is recommended to mix for a minimum of 5 minutes. Do not re-mix with additional water as this can cause reduced durability and strength and can produce unwanted colour variation.

Tools

Tools used for mixing and placing mortars and renders should be non-staining.

Protecting Finished Work

Mortar and rendered surfaces should not dry too fast. For best results protect new work against direct sun using a plastic sheet.

Storage

It is recommended that **AALBORG BRICKLAYERS WHITE[®]** cement older than 6 months is not used unless examined and/or tested prior to use.

AALBORG BRICKLAYERS WHITE[®] cement in bags should be kept inside on pallets with unbroken plastic wrapping until it is to be used. Care should be taken to avoid moisture getting into contact with the cement bags from beneath the pallet. The pallets should be stored in a dry environment at as low a temperature as possible to reduce the rate of moisture uptake.

Further Information

For further information on our products please visit our homepage www.aalborgportland.com.au

Health and Safety

Contact with wet mortar or render should be avoided as it may cause irritation, dermatitis or burns. If such contact occurs, the affected area should be washed immediately with plenty of water. In case of eye contact rinse immediately with clean water and seek medical advice.

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