

BORAL CEMENT
Build something great™



OFF WHITE CEMENT

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Off White Cement produces a light coloured mortar that highlights the texture and tones of modern bricks



Off White Cement is lighter coloured than traditional dark grey General Purpose Portland cements. When used with selected sands and aggregates it produces a concrete, (and mortar) that is much lighter than normal concrete. It is called Off White to distinguish it from White Cement.

The strength and setting time performance of Off White Cement conforms with the requirements of AS 3972 for General Purpose Cement and High Early Strength Cement. It is often selected for exposed concrete architectural finishes in prestige residential developments, public buildings and landmark commercial developments.

The product is particularly recommended for the production of coloured concrete and masonry when mixed with carefully selected coarse and fine aggregates and the appropriate oxide pigment.



Advantages & Scope of Off White

Off White Cement produces a high strength, light coloured mortar that highlights the texture and tones of modern bricks.

Off White Cement has high early strength characteristics.

A range of attractive colours can be achieved with the careful selection of sands, aggregate and coloured oxides. (Oxides are available from Boral Cement).

In mortars and concrete Off White Cement can be used to highlight and complement the natural colours of selected sands and aggregates.

In locations where light, coloured bricklaying sands are price competitive with "normal" bricklaying sands, Off White Cement may be used to produce a coloured mortar. The use of Off White Cement removes the need for a pigment addition and is less likely to fade or lose colour intensity.

When used in oxide coloured concrete or mortar the use of Off White cement improves the intensity of the colour with less of the oxide colour required.

Off White Cement broadens the scope for attractive treatment in exposed aggregate work and terrazzo.

Off White Cement can also be used to complement internal swimming pool finishes.



Off White Cement uses:

- Concrete block and brick manufacture
- Concrete pavers and artificial stone
- Concrete tiles
- Cement based adhesives and grouts
- Garden ornaments, statues, pots etc
- Precast concrete panels
- Polished concrete
- Terrazzo
- Premixed concrete- off form, tilt-up, exposed aggregate
- Brick or block work mortar
- Ceramic or quarry tile bedding and grout
- Rendering
- Swimming pool internal finishing



Colour Control Recommendations and Guidelines

To produce a white coloured mortar it is best to use carefully selected white bricklaying sands. The fine particles in sand can have a substantial effect on the final colour of the mortar. coloured mortars, for example cream and light yellow mortars, can be created by combining coloured bricklaying sands with Off White Cement.

Mortars should be made with hydrated lime as the 'plasticiser' in preference to liquid plasticisers, as the inclusion of lime will further enhance the light colour tonings.

If admixtures are to be used it is recommended that suitable trials be carried out beforehand. Some admixtures may cause staining.

Mix proportions must be kept consistent in order to ensure a uniform appearance. The colour of the concrete or mortar obtained is influenced by cement content, the water/cement ratio, aggregate colour (particularly sand) and the presence or absence of lime and the curing regime.

For large scale projects, it is recommended that sufficient quantities of sand are stockpiled and protected from contamination, to complete the project.



Specification

Boral Off White Cement complies with both the Type GP and Type HE requirements of Australian Standard AS 3972. It is manufactured from carefully selected materials to produce an off white colour, the brightness of which is controlled within tight limits. Boral Off White Cement meets both the structural and aesthetic demands of modern design.



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For more information on Boral Cement products Phone: 1800 673 570 (Victoria) 02 9033 4000 (NSW)

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