

X-Lime

PRODUCT DATA SHEET

BORAL

Boral Cements Blue Circle® X-Lime is a concentrated powder additive for cement based mortars. Designed to provide improved workability and water retention characteristics for mortars used for bricklaying and blocklaying.

FEATURES AND BENEFITS

X-Lime replaces the need to use Hydrated Lime (Plaster Lime), air entraining agents, water retention additives and clay in cement based mortars, which are often used to enhance sands that exhibit poor grading and particle shape, and thus require additional materials to provide performance improvements.

Both clay bricks and masonry blocks absorb water from mortars, effectively causing the mortar to prematurely dry where it interfaces with the brick/block, thus reducing the bond strength. **X-Lime** contains a water retention additive that reduces this water absorption and allows longer board life, plus an Air Entraining Additive (AEA) in powder form to provide workability and replace the use of liquid AEAs.

Another way of looking at **X-Lime** is that one 2kg pail can be used with 25 x 20kg bags of cement. Alternatively, 10kg of **X-Lime** can replace approximately 1000kg of Hydrated Lime (Plaster Lime).

Using approximately 80gms of **X-Lime** per 20kg bag of normal GP, Builders, or Off White Cement will enhance mortars and provide performance improvements suggested by Australian Standard 3700 Masonry Structures Code, without resorting to the use of any other additives.

Depending on the sand quality the dose rate may be modified by +/- 20gms per 20kg bag of cement, to optimise performance.

MIXING

Mix the required amount of **X-Lime** with cement by using the plastic cup provided, then mix in other materials. One cup contains about 50gms of un-compacted **X-Lime**.

YIELD

10 kg of **X-Lime** replaces 1000 kg of hydrated lime. Alternatively, 80 grams of **X-Lime** can be used per 20kg bag of cement as a guide.

AVAILABILITY

2kg plastic pails with a measuring scoop for convenience, plus 10kg paper bags for the trade.

CLEANUP & STORAGE

Sweep up all spills using an absorbent material or industrial vacuum. Store sealed container in a cool dry place.

SAFE HANDLING

Use dust mask, goggles and gloves at all times. For further information consult the **Material Safety Data Sheet** for the product.



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The information in this Data Sheet and any advice given should be viewed as a guide only. Boral makes no guarantee of the accuracy or completeness of the information and recommends you conduct your own testing to determine suitability for your specific purpose.

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