

# Blockadd C

Admixture for cement/concrete blocks



## Description

Blockadd C is a mortar admixture that improves the workability, strength, cohesion and improves resistance to freeze/thaw cycles, by entraining a controlled quantity of air to the mortar mix.

## Applications

Blockadd C is used to improve workability, strength, surface finish and freeze/thaw cycle resistance properties for concrete blocks, pipes, roofing tiles, concrete bricks and pavers.

## Advantages

- ▲ Improving mortar plasticity.
- ▲ Reducing permeability.
- ▲ Chloride free, safe for embedded steel.
- ▲ Compatible with most types of Portland cement.
- ▲ Improves frost resistance.
- ▲ Can be used to replace lime.
- ▲ Improves bond strength.
- ▲ Strength increase through water reduction.
- ▲ Cement saving through strength maintaining with less cement.

## Compatibility

Blockadd C is compatible with most types of DCP admixtures. Contact DCP Technical Department for further details.

## Standards

Blockadd C complies with BS 4887: Mortar Plasticisers.

## Method of Use

Blockadd C may be added either direct to an individual mix or to the gauging water, depending upon site convenience.

- ▲ Use between 0.2 - 0.6 litre per 100 kg of cement. Fine sand will require least and harsh sand most. Site trials will best determine the practical rate of addition in each case.
- ▲ Measure the total required quantity of Blockadd C and stir into the first bucket of gauging water.

### Technical Properties @ 25°C:

Colour:	Clear yellowish liquid
Specific gravity:	1.01 ± 0.005
Chloride content: BS 5075	Nil

- ▲ After dry mixing of mortar (sand/cement) in normal way add Blockadd C/water mixture and start wet mixing.

## Lime Mixes

Lime, which is usually added to a sand/cement mix to impart fatness and plasticity, can be completely omitted and Blockadd C used to replace it with economic benefits.

## Dosage

Blockadd C is supplied in liquid form and should be added directly to the mortar mix at the rate of 100 - 300 ml per 50 kg of cement, depending upon sand used and consistency required.

## Cleaning

Blockadd C can be cleaned with water.

## Packaging

Blockadd C is available in 5, 20 and 200 litre containers.

## Storage

Blockadd C has a shelf life of 12 months from date of manufacture if stored at temperatures below 50°C.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

## Cautions

### Health and Safety

Blockadd C is not classified as hazardous material. Blockadd C should not come into contact with skin or eyes.

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In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

For further information refer to the Material Safety Data Sheet.

## Fire

Blockadd C is nonflammable.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

### Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.