

# MasterCast<sup>®</sup> 762

## Block-admixture for improving concrete

### DESCRIPTION

**MasterCast 762** is a plasticiser liquid admixture with air entraining properties. Designed for use in no-slump concrete, it is ideally suited for factory-line concrete production such as block making. **MasterCast 762** assists in the manufacture of a more uniform and predictable concrete. Chloride free **MasterCast 762** may also be used in dry pack, standard and light weight concrete production.

### FIT 4 VALUE:

**MasterCast 762** is a key component to Master Builders Solutions FIT 4 VALUE concept.

FIT 4 VALUE considers the four elements essential for MCP Manufactures:

1. FIT for Economics
2. FIT for Performance
3. FIT for Aesthetics
4. FIT for Durability

Here, FIT means meeting every requirement for economics, performance, aesthetics and durability.

### ADVANTAGES

- Less wear of moulds.
- Improved structure.
- Improved cohesion.
- Reduced water absorption.
- Increased strength.
- Applicable for all Portland and Slag cements.
- Reduced efflorescence.

### PACKAGING

**MasterCast 762** is available in bulk or in 210 L drums.

### STANDARDS

EN 934-2 Table 2

### TYPICAL PROPERTIES\*

Form	liquid soluble in water
Colour	dark brown
pH	6.0
Specific Gravity	1.185 at 25°C
Chloride content	Nil to BS 5075: 1982
Viscosity at 25°C	50 cps
Solids content	Approx. 35%

### APPLICATION GUIDELINES

- Mix the aggregates, the cement and 75% of the mixing water.
- Add the **MasterCast 762** together with the rest of the mixing water.
- After all ingredients are added continue mixing for 60 to 90 seconds.

### DOSAGE

As a starting base for factory trials a rate between 325ml/100kg and 650ml/100kg is recommended. Local production conditions and material types may necessitate dosages outside this range. Please consult your Master Builders Solutions Construction Chemicals representative for further advice.

### STORAGE AND SHELF LIFE

Store under cover, out of direct sunlight and protect from extremes of temperature. Shelf life is up to 2 years when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions Technical Services Department.

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## HEALTH AND SAFETY

Avoid contact with eyes and prolonged contact with skin. During application always wear gloves and appropriate clothing to minimise contact. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Should skin contact occur, wash immediately with soap and water. Seek the advice of a physician should symptoms persist.

## QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

\* Properties listed are based on laboratory controlled tests.

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

### NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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