

MasterCast 1101

Performance admixture for concrete masonry

Material Description

MasterCast 1101 is a non-chloride liquid admixture designed to improve performance in both normal and lightweight non-plastic concrete. **MasterCast 1101** increases production efficiency and develops higher early strength in both green and hardened concrete. It is compatible with all brands and types of Portland cement and curing systems such as low pressure, high pressure, carbon dioxide and air.

Areas of Application

MasterCast 1101 is particularly recommended for use in the manufacture of all non-plastic concrete masonry including blocks, pavers, pipes etc.

Characteristics and Benefits

MasterCast 1101 admixture offers the following special qualities:

- develops higher early strength in both green and hardened concrete which means less web cracks and fewer culls from cubing and other transfer operations.
- increases strengths at later ages.
- improves cohesiveness and mouldability of the mix.
- improves colour, texture and uniformity.
- faster, smoother machine operation and less wear on product forming parts ensures longer machine life.

Quantity to Use

MasterCast 1101 is used at 200 to 400ml per 100kg of cement. Due to individual performance requirements and plant materials, contact your local Master Builders Solutions Technical Sales Representative regarding preferred formulation and optimum dosage.

Directions

To obtain best performance, add **MasterCast 1101** after cement and aggregate have been moistened with approximately 75% of total mixing water. Allow at least 1/3 of the total mixing time for working **MasterCast 1101** into the batch.

Packaging

MasterCast 1101 is available in 20 litre cubes, 1000 litre palletcons and bulk delivery.

Storage & Shelf Life

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

MasterCast 1101 has a shelf life of 12 months.

Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

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Disclaimer

MasterCast-1101-ANZ-V9-0523

STATEMENT OF RESPONSIBILITY

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NOTE

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

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