

MasterPel 305

An integral efflorescence reducing admixture for concrete masonry

Material Description

MasterPel 305 is a non-chloride liquid admixture designed to improve performances and reduce efflorescence in concrete masonry. **MasterPel 305** when added to the mixture produces a hydrophobic layer along the capillaries in concrete products and mortar, greatly reducing water absorption and migration.

Areas of Application

- Most applications requiring watertight mixes such as pavers and blocks.
- Cementitious products where surface efflorescence is not acceptable.

MasterPel 305 is not recommended for use in concrete exposed to hydrostatic pressure.

Characteristics and Benefits

MasterPel 305 added to a well-designed mix at the recommended dose rate:

- Reduces the permeability
- Reduces primary and secondary efflorescence often present in blocks and pavers
- Increases durability and water tightness by protecting against the ingress of dampness, soluble salts and aggressive chemicals
- Suitable for subsequent application of mortar, render tiles or paint

Quantity to Use

MasterPel 305 is used at 1.0 - 1.2 litres per 100kg of cement. Due to individual performance requirements and plant materials, contact your Master Builders Solutions Technical Sales Representative regarding preferred formulation and optimum dosage.

Dispensing

To obtain best performance, add **MasterPel 305** 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 **MasterPel 305** into the batch.

Do not use pressurised air for agitation. For additional information, contact your local Master Builders Solutions Technical Sales Representative.

Packaging

MasterPel 305 is available in 200 litre drums and bulk delivery.

Storage & Shelf Life

MasterPel 305 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

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this MB Solutions Australia Pty Ltd 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 and for ensuring that the application and use of the product is in accordance with the manufacturer's guidelines and recommendations.

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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