

Arkimix WP200

ID: G1-200
Version: 1
Edition: 1



Integral powder waterproofing admixture

Description

Arkimix WP200 is a high grade easy to handle powder integral waterproofing admixture for use in all types of cement-based mixes.

Arkimix WP200 is based on unique hydrophobic blend of carefully selected organic and inorganic ingredients, manufactured under controlled conditions to give a consistent and high quality product.

Arkimix WP200 seals physically the surface of the cementitious material producing a system with low permeability.

Key functions

- Reduces water permeability and absorption.
- Reduces chloride intrusion.
- The hydrophobic ingredients are insoluble in water and therefore become a permanent constituent of the hardened cementitious material.
- Improves chemical and carbonation resistance.
- Improves workability and mechanical strength.
- Does not change the setting time of cement.

Product properties*

Appearance:	Fine yellowish white powder
Bulk Density:	Approximately 1.0 kg/L
Chloride content:	Nil to BS EN 934-2.

Dosage and effect of overdosing

Arkimix WP200 is normally added to cementitious mixes at a dosage of 1 kg /50 kg of cement.

Overdosing normally will have no detrimental side effects as long as all other curing parameters are considered

Directions for use

The addition of Arkimix WP200 is entirely physical and therefore requires an efficient mixing action. If mixing is to take place by hand the mix must be well “turned over”.

All mixes containing Arkimix WP200 should be placed in accordance with construction practices and relevant standards.

Arkimix WP200 should be carefully handled to minimise dust formation. Use light mask if dust is unavoidable.

Compatibility

In general Arkimix WP200 is compatible with most of Arkimix admixtures and there will be no expected harm to cementitious material when Arkimix WP200 is mixed with any other Arki admixture of the same series with the proper doses.

When two different admixtures are mixed, it is useful to consider the function of each admixture and the time of dispensing each one of them (i.e. together or to delay one of them for certain period of time).

Dispensing

Dispensing Arkimix WP204 must be carried out along with the addition of the gauging water few minutes after wetting the cement.

A complete line of accurate automatic dispensing equipment is available from Arki.

Storage

Arkimix WP200 has a minimum shelf life of 12 months when stored in good warehouse conditions.

Packaging

Arkimix WP200 is supplied in 1 kg bag, 20 bags per pack.

Safety precautions

Arkimix WP200 is a non-flammable material.

Arkimix WP200 is not classified as hazardous material under current legislations.

Arkimix WP200 is mildly alkaline. Therefore unnecessary contact with the product is to be avoided.

Accidental contact with skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice.

Material should be disposed according to local regulations.

For further information refer to the material safety data sheet.

Technical support

Arki provides assistance to its customers and gives site support, consultations and technical advice on mix designs, admixture selection and proper dispensing and storage equipment.

Additional Arki products

Arki produces high quality products intended for use in construction activity, among these products:

- Concrete repair materials.
- Mould release agents and curing compounds.
- Adhesives and waterproofing materials.
- Flooring systems.
- Protective coatings.

Product Quality

All Arki products are manufactured under a quality management system independently certified to conform to the requirements of the international standards.



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