

Multi-purpose polymeric latex for cement-based plasters, floor screeds and renders

Description

Arkimix ACR is a copolymer emulsion designed to work as a modifier for cement-based plasters, floor screeds and renders to improve mechanical properties and enhance water resistant.

Advantages

- Increased durability and toughness.
- High resistance to water penetration.
- Earlier hardening.
- Improved tensile and flexural properties, allow thin applications.
- Reduced shrinkage.
- Good abrasion resistance.
- Reduces bleeding.
- Improved adhesion to substrates.

Properties

Type:	Formulated copolymer emulsion
colour:	White
Density:	1.01 kg/l

Application instructions

Dosage

Arkimix ACR is added in a rate of 5 to 7 litres per 50kg cement. For more demanding situations, such as greater exposure to chemicals or wear, 10 litres per 50kg cement is required.

Note: The above dosage rates are a guide only. It is the contractor's / user's responsibility to ensure that all the materials to be used are compatible and further that they meet the design criteria and specification requirements.

Mixing

Preferably in a pan mixer but hand batching is permissible when the total weight of the mix is less than 25kg. Charge the mixer with the required quantity of sand and cement and pour in the required quantity of Arkimix ACR

and mix for 2 minutes only to avoid excessive air entrainment. Add water carefully until the required consistency is achieved.

Curing

Correct curing of Arkimix ACR modified mixes is important. Moisture cure for at least 1 day and then allow to dry out slowly.

Watch-points

- Always use fresh cement and well-graded aggregate free of excessive fines.
- Keep mixing time to a minimum.
- Modified mixes are deceptive in their workability. Avoid using excess water.
- Trowelling should proceed with the work. Do not over trowel and avoid re-trowelling.
- Protect from too rapid drying out prior to trowelling.

Cleaning

Clean tools with water before hardening. Hardened material can only be removed mechanically.

Storage and shelf life

Arkimix ACR has a minimum shelf life of 12 months when stored in good warehouse conditions away from direct sunlight in ambient temperature between 5°C and 35°C.

For ambient temperatures outside this range consult Arki for advice.

Packaging

Arkimix ACR is supplied in 3.75 L and 20 L jerrycans.

Safety precautions

Arkimix ACR is a non-flammable material.

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

Arkimix ACR may cause irritation to the skin and eyes. Therefore, unnecessary contact

with the product is to be avoided and suitable gloves and goggles must be worn.

Do not dispose into water or soil. Dispose the material according to local regulations.

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

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 concrete repair, surface preparation and treatment, tile adhesive and tile grout selection and tile installation techniques.

Additional Arki products

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

- Concrete Admixtures
- Concrete repair materials.
- Mould release agents and curing compounds.
- Waterproofing materials.
- Flooring systems.
- Tile adhesives and tile grouts.
- 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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Users should always refer to the most recent issue of the product technical data-sheet for the product concerned, copies of which will be supplied on request.
Arki products are guaranteed against defective materials and manufacture and are sold subject to Arki standard terms and conditions of sales.
Because the storage, handling and application of these products are beyond our control, we can accept no liability for the results obtained.