

**ARKIM ARLATEX/4111****■ Definition**

The synthetic rubber-based, liquid additive material which is used for upgrading the materials such as cement-based mortar, plaster, and screed, and for increasing the flexibility of the same.

**■ Area of application**

-It is used as an additive which increases flexibility, adherence and impermeability in any kinds of cement-based mortar, cement/lime-based plasters, adhesive materials of tile/ceramic/marble, and in production of base coat prior to plaster.

-It is used for preparing abrasionproof screed.

**■ Application features**

-It can be used with standard cement types.

-When added, plasticizes cement-based mortars and eases the application of the mortar.

-Prevents fast drying by increasing water holding capacity of the mortar, and shrinkage cracks.

-Increases adherence to the application surfaces, enhances flexibility and resistance against aggressive materials, improves mechanical strength.

-Increases abrasion resistance of the mortar, prevents dusting in screeds.

-Increases frost-decomposition resistance, increases chemical resistance against diluted acidic and basic solutions, salt water and oil.

**■ Surface preparation**

-It is necessary to make sure that the surface has been cured, cleaned, freed of released particles, and robust.

-Layers such as oil, grease, dirt, paint, grout, corrosion, salt efflorescence, etc. that will reduce the adherence must be cleared before the application.

**■ Application conditions**

-Ambient temperature should be between +5 °C and +35°C

-Sand to be used in the mixture must be clear, cement must be fresh and intact.

-The surface to be worked on should be clean and solid, and freed from parts loosened or might get loosen, and should be moistened.

**■ Warnings and Advices**

-Do not apply this product when it is too hot, under direct sunlight, under the weather conditions such as high wind, fog, high relative humidity, or when rain is anticipated.

-Pay attention to the product storing conditions. Do not keep the product in humid or very hot places.

-Do not apply this product on surfaces that have not set yet.

-Wear protective gloves, goggles and clothing during the application. Avoid contact with eyes and skin. In case of contact with skin, wash the contact region with plenty of water and soap. In case of contact with eyes, wash the eyes immediately with plenty of water and seek medical assistance. Keep away from the children. Do not swallow the product nor use empty packages to store drinking water.

**■ Application**

-Do not shake ARKIM ARLATEX too much in order to prevent excessive air intake.

-Use ARKIM ARLATEX by adding it into the mixture water.

-Mix ARKIM ARLATEX with water in a suitable container based on mixture ratios recommended below for different purposes.

-Put the prepared mixture in a concrete mixer, and add cement and fillers. It is recommended to mix cement and fillers in another container in order to prevent lump formation.

-Mix the mortar until a homogeneous mixture is achieved.

-Usage in Plaster Mortars: ARKIM ARLATEX/Water: Add mixture water that has been prepared at the rate of 1/4, in order to achieve plaster mortar.

-Usage in Repair Mortars: ARKIM ARLATEX/Water: Add mixture water that has been prepared at the rate of 1/3, in order to achieve repair mortar.

-Usage in Screeds: ARKIM ARLATEX/Water: Add the liquid that has been prepared at the rate of 1/2 into the mixture until the mixture is thickened. Apply the prepared mixture onto the surface with a thickness of 2 mm by means of a brush. Screed must be applied on this coat while the coat is still wet.

-For Preparing Screed: ARKIM ARLATEX/Water: Add adequate mixture water prepared at the rate of 1/4.

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-The caked mortar in the container or the mortar the using period of which is over must be discharged.

-Wash your hands and application tools with plenty of water after the application.

-Pay attention to the curing period of the mortar prepared by using ARKIM ARLATEX for applications made in non-appropriate conditions such as high temperature, low humidity, wind, etc. Fast evaporation may cause shrinkage, and thus surface cracks.

- **Performance Details**

Relative density:  $1.03 \pm 0.03 \text{ g/cm}^3$

Ph: 8-10

Note: The application features have been determined in consequence of the tests conducted in laboratory environment ( $23 \pm 2 \text{ }^\circ\text{C}$  and  $50\% \pm 5$  humidity, and no air current), and thus, they may vary by different ambient conditions. The performance details have been tested in the ambients specified in accordance with the relevant standard of the product, and different results may be observed in different ambients.

- **Reference Standards**

-Ministry of Public Works Pos. No: 04.6131/1

- **Packaging**

-20 kg plastic container

- **Physical form**

-White, liquid

- **Storage Conditions**

- Can be stored for 12 months in its original packaging in a dry and cool ambient with an ambient temperature between  $5^\circ\text{C}$  and  $+35^\circ\text{C}$ . Must be protected against sun and frost. Inappropriate storage or exceeding the expiry date may deteriorate the properties of the product.