

# AquaArm Bond Latex

(Formerly known as MYK BOND LATEX)

SBR latex for Repair and Waterproofing



## TECHNICAL DATA SHEET

### Product Description

AquaArm Bond Latex is a SBR based liquid for high performance applications in waterproofing and repairs.

#### Uses

- As a bonding agent for the following:
  - Plaster to plaster
  - Concrete to concrete
  - Plaster over brick masonry
- As a additive for waterproof plaster
- To repair Plaster cracks more than 5 mm
- As a coating for prevention of corrosion in rebars mixed with cements
- As waterproof slurry coat (2coats) on concrete surface

#### Features and Benefits

- Excellent Coverage Approx 70-80 sqft per litre / in 2 coats, hence economical
- Less material wastage- material does not fall back /rebound, when used as bonding agent
- High Bond Strength
- Prevents leakage & dampness
- Enhances strength of a repair mortar & provides durability

### Application Methodology

#### Surface Preparation

- Surface for treatments must be thoroughly cleaned of all laitance, loose material, oils, grease, etc.
- Mechanical means such as wire brushing, shot blasting can be used and finally vacuum cleaner of all loose solids and liquids.
- Before application ensure that the surface is damp with water but in a touch dry condition/SSD condition

#### As Bonding Agent

- Plaster to plaster
- Concrete to concrete
- For plaster over brick masonry

#### Mixing ratio

(AquaArm Bond Latex: water: cement):1:4:7]

#### Method of application

- Apply a single coat of the mixed quantity of AquaArm Bond Latex
- When coat is tacky, apply the plaster or concrete according to the situation

#### As waterproof coating

In Residential Water tanks, Chajjas, DPC, over sunken slabs in bathrooms.

#### Mixing ratio

(AquaArm Bond Latex: water: cement):1:4:7

#### Method of application

- Brush apply the 1st coat
- Apply 2nd coat after 1st coat is touch dry  
Allow approximately 4 - 6 hrs between two coats
- Overlay the 2nd coat with screed/plaster for protection which is compulsory

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### As waterproof repair plaster

#### Method of Application

- Mix 1 litre of AquaArm Bond Latex with pre-measured water for 50 kg of cement.
- Use this mix to add to the recommended dry plaster mixes
- Plaster mixes may be as rich as 1:3 (cement: sand)
- Keep water-cement ratio in Plaster as low as 0.4 but not more than 0.45
- For better application apply a bond coat with AquaArm Bond Latex as suggested earlier
- 2nd and final layer of plaster must not be mixed with AquaArm Bond Latex
- Take care to scratch-key the 1st coat surface for mechanical key and effective bond with the 2nd coat

### As a Crack Repair

- Plaster cracks more than 5 mm
- In gaps developed between masonry and RCC members

#### Method of application

- Mix 1 litre of AquaArm Bond Latex with pre-measured water for 50 kg of cement
- Use this mix to add to the recommended dry mortar mixes
- Mortar mixes may be as rich as 1:3 (cement : sand)
- Keep water-cement ratio in Mortar as low as 0.4 but not more than 0.45
- Clean the cracked area properly of all loose materials
- Wet the crack completely using a bottle spray.
- Apply a single coat as a bond coat prior to the crack filling of AquaArm Bond Latex as per the mixing proportions mentioned earlier.
- Fill the crack with above prepared mortar
- Compact it into the crack fully and trowel finish to level

### As coating for prevention of corrosion in rebars

**Mixing ratio:** (AquaArm Bond Latex: water: cement): 1:4:7

#### Method of application

- Rusted rebars must be thoroughly scraped, by mechanical means if required
- Brush apply a single coat of prepared mix over the rebars
- Apply concrete/mortar when the coat is tacky

### For application as 'salt petre'-free plaster (efflorescence) Brick masonry

**Mixing ratio:** (AquaArm Bond Latex: water: cement): 1:4:7

#### Method of application

- Brush apply the 1st coat on brick
- Apply 2nd coat after 1st coat is touch dry
- When 2nd coat is tacky, place plaster

### Curing

3 to 5 days with a wet hessian or jute cloth, or water spray.

## Technical Data

Nature	Styrene Butadiene Rubber Polymer Liquid emulsion
Color	White emulsion
Specific Gravity	1.03 ± 0.02

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#### Consumption

1 litre of AquaArm Bond latex will cover 70 - 80 sq. ft. area in 2 coats for a proportion mix 1:4:7 (AquaArm Bond Latex: Water: Cement) as a waterproof / Bond coat

#### Packaging

Available in 500 ml, 1, 5, 10, 20 & 50 litre packing

#### Storage and Shelf Life

Store in dry and cool place under shaded area and free from frost.

Shelf life: use before 2 years if unopened

#### Health & Safety

- Strictly do not dilute beyond recommendation
- To be applied over damp substrate but in a touch dry state
- Not suggested for use in very critical concrete repairs
- Waterproof coats with AquaArm Bond Latex must be protected with screeds/plasters
- When applying as a bond coat, if it becomes dry, re apply to reach a tacky state for overlay of concrete or mortar
- 2nd coat of plaster with AquaArm Bond Latex may cause a problem in external painting of the surface

#### Product Categories Available



#### Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.