

## **5004 KALEKİM LATEX SBR Mortar Additive**

### **Description**

Water dispersion of a synthetic elastomer (SBR based) for improving workability and water impermeability when mixed with cementitious mortars like renders, screeds, repair mortars, adhesive slurries.

### **Fields of Application**

– As an admixture to improve flexibility, adhesion, water impermeability characteristics of cementitious mixes for screeds, renders, repair mortars, adhesive slurries.

### **Properties**

- Improves adhesion to all surfaces
- Increases resistance to abrasion.
- Improves water impermeability.
- Improves flexibility.
- Increases resistance to freeze–thaw cycles.
- Increases chemical resistance to diluted acids and alkalis, salt solutions and oils.

### **Application**

- Substrates must be sound, free from oil, grease, and sufficiently dry.
- Cementitious substrates must be cured.
- KALEKİM LATEX SBR should not be shaken much to prevent air entraining.
- Dilute KALEKİM LATEX SBR with water in suitable container in the ratio recommended below for specific applications.
- Pour the solution into the concrete mixer and add the cement and the aggregates preferably mixed before so as to avoid lumps.
- Mix thoroughly till obtain a homogeneous mixture.

### **Usage in renders:**

- Mix cement and sand at appropriate size in 1:4 - 1:5 ratio with KALEKİM LATEX SBR diluted water in the ratio of 1:1.

### **Using in repairing mortar:**

- Mix cement and sand at appropriate size in 1:3 - 1:4 ratio with KALEKİM LATEX SBR without diluting.

### **Usage in adhesive slurries:**

To obtain a bonding slurry to be applied before screeds and plasters on existing cement surfaces add KALEKİM LATEX SBR without diluting into 1:3 cement : sand mixture until it gets a creamy structure.

### **Usage in screeds:**

- Mix cement and sand at appropriate size in 1:3 - 1:4 ratio with KALEKİM LATEX SBR without diluting. Apply the mixture with brush until it gains 2 mm thickness while the adhesive slurry applied before is still fresh. Mix for 2 - 3 minutes until the mix is smooth. Dispose mortars of which pot life is expired. Clean tools and hands with water, surfaces with a damp cloth before setting begins. After application, in very warm or windy weather conditions, the mortars made with KALEKİM LATEX SBR as admix must be cured carefully to avoid fast water evaporation, which could cause surface cracks due to plastic shrinkage.

**5004 KALEKİM LATEX SBR** Mortar Additive

Technical Properties		(at 23°C and 50% RH)
General Data:		
Appearance	White liquid	
Shelf Life	12 months in original sealed package	
pH	8 -10	
Density	1.00 ± 0,02 g/cm³	
Application Data:		
Application Temperature Range	(+5°C) - (+35°C)	
Mixing Ratio (Latex/Water)	No dilution or 1:1; depending on the application	
Consumption	Varies with application	

**Warnings**

– For further information refer to safety data sheet.

**Storage**

– Store in original sealed packing. Protect from frost and direct sun light.

**Packaging**

– In drums of 4 lt.

Please Note: All suggestions and application instructions herein are based on our latest technical experience. Due to wide variety of individual application conditions, the user alone is responsible for any consequences deriving from the use of the product.