

## LATEX

### Waterproofing and Adherence Increasing Liquid Admixture

#### Description

**LATEX** is an acrylic based admixture that used plasters and screed to improve adherence and impermeability.

#### Fields of Application

- In interior and exterior applications.
- In mortars, plasters and screed.
- In interior and exterior plasters of water tanks, pools and reinforced concrete silo.
- In mortars of stone, brick and floor tile for improving freeze-thaw stability.
- As adherence admixture in mortars prepared for repairs.
- Bonding agent between old and new concrete

#### Features and Benefits

- Excellent adhesion performance.
- Excellent water impermeability.
- Improves durability without any cracks.
- High freeze-thaw stability.
- High elasticity.
- High abrasion resistance.
- Improves water and chemical resistance.

#### Technical Data

Content	Modified Acrylic Dispersion
Color	White
Solid Content	42 %
Density	1,08 kg/lt
Application Temperature	+5°C to +35°C
Service Temperature	-20°C to +80°C
Drying Time	
<i>Pedestrian Traffic</i>	<i>24 hours</i>
<i>Final Strength</i>	<i>28 days</i>
HS Code	3824.40.00.00.00

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### Application Procedure

#### Preparation of Substrate

The application surface must be durable, dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and remove loose pieces. Water leak on the surface must be drained or sealed by a suitable stopper. Application surface must be damp 12 hours before the application, but there must not be any free water left on the surface.

#### Application Method

**In plaster mortar;** 1 m<sup>3</sup> washed river sand and 350 kg cement is mixed together. 120 kg water and 5 kg LATEX is mixed into another cup. Liquid mixture is poured into the powder mixture and stirred well until homogenous mixture is obtained. Mixture should be applied by trowel.

**Making of grout;** 1 m<sup>3</sup> washed river sand and 350 kg cement is mixed together. 110 kg water and 4 kg LATEX is mixed into another cup. Liquid mixture is poured into the powder mixture and stirred well until homogenous mixture is obtained. Mixture is applied on primed surface.

**In coating mortar;** 1 m<sup>3</sup> aggregate, 250 kg cement and 3 kg LATEX is mixed and added water until getting thick mixture. Mixture and floor laying is applied together.

**In shake mortar;** 1 m<sup>3</sup> washed river sand, 350 kg cement and 10 kg LATEX is mixed and added water until getting thick mixture. Mixture is applied with strewing equipment. 24 hours later surface is ready for pedestrian traffic. Full curing is done after 28 days.

**As bonding agent;** Stir the LATEX well and apply using brush, roller or spray on prepared surface. Subsequent material to be bonded should be placed while LATEX is wet.

### Consumption

150-200 g/m<sup>2</sup>.

### Packaging

5 kg plastic drum

20 kg plastic drum

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### Shelf Life

12 months in original, unopened package.

### Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

### Cleanup Information

Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.

### Cautions / Limitations

- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +5°C and above +35°C.

### Health and Safety

**Warning!** Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.


Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

**Limited Warranty:** This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.

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<b>1020-CPR-040 051770</b> <b>DOP NO: 0934-202</b> EN 934-2:2009+A1:2012 <b>LATEX</b> Su Geçirimsizlik ve Aderans Arttırıcı Sıvı Harç Katkısı Su Geçirimsizlik Katkıları , Çizelge 9 Waterproofing and Adherence Enhancing Liquid Mortar Additive Waterproofing Additives, Table 9	
Capillary Water Absorption Kılcal Su Emme	After 7 days of cure, for 7 days of experiment; trial concrete, maximum 50% of the witness concrete; After 90 days of cure, for 28 days of experiment; trial concrete, maximum 60% of the witness concrete 7 günlük kürden sonra , 7 günlük deney için; deneme betonu , şahit betonun en çok % 50'si; 90 günlük kürden sonra, 28 günlük deney için; deneme betonu ,şahit betonun en çok %60'ı
Compressive Strength Basınç Dayanımı	In 28 days, the trial concrete is at least 85% of the witness concrete. 28 günde, deneme betonu, şahit betonun en az % 85'i
Amount of Air in Fresh Concrete Taze Betondaki Hava miktarı	Unless otherwise specified by the manufacturer, The trial concrete is at most 2% higher than the witness concrete by volume. Üretici tarafından aksi belirtilmedikçe, deneme betonu, şahit betonun hacimce en çok % 2 üzerinde
Highest Chlorine Content En Yüksek Klor Muhtevası	%0,03
Highest Alkali Content En Yüksek Alkali Muhtevası	%0,1
Dangerous materials Tehlikeli Maddeler	Does Not Contain Any Hazardous Substances Herhangi Bir Tehlikeli Madde İçermez