

CHIMEX 127

Cement-Acrylic Based, Two Component, Full-Elastic Waterproofing Material

Description

CHIMEX 127 is a cement-acrylic based, two-component, full-elastic insulation material used on concrete, curtain and cement based plasters and applied from the inside and outside against leaking and surface water.

Fields of Application

- In water pressure exposed areas like pools, water tanks and in wet volumes such as terrace, balcony, basement.
- Building foundation, retaining wall, indoor and outdoor for vertical and horizontal applications from the direction of coming water.
- In facilities like spa, hamams.
- In insulation of flower gardens.

Features and Benefits

- Resistant to chloride water.
- Resistant to chemicals and salt solutions in soil.
- Can be used in areas that affected by movement and vibration.
- It forms a water impermeable layer under screeds and ceramics with high adhesion performance and elastic properties.
- Highly flexible properties provide excellent crack bridging performance.
- Provides up to 0,92 mm crack bridging performance with 2 mm thickness application.
- Long working time and easy to apply.
- Safely used in drinking water tanks.

Technical Data

Content	Component A: Polymer modified admixtures and special cement
Color	Component B: Copolymer acrylic dispersion Greenish Gray
Mixing	20 kg A component : 10 kg B component
Mixture Density	1,70 g/cm ³
Adhesion Strength	≥1,00 N/mm ²
Resistance to Pressurized Water	7 bars positive

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Capillary Water Absorption	≤0,10 g (after 4 hours)
Usage Period	2 hours
Maturity Period	3 – 5 minutes
Application Temperature	+5°C to +25°C
Service Temperature	-20°C to +80°C
Application Tools	Brush
Drying Time	
<i>Mechanical Strength</i>	2 days
<i>Water Impermeability</i>	7 days
<i>Topcoated by plaster/ceramic</i>	3 days
<i>Final Strength</i>	14 days
HS Code	3824.99.70.00.00

Application Procedure

Preparation of Substrate

The application surface must be durable, clean and clean off materials which prevent bonding, such as dust, oil, rust. Big pores and cracks should be filled with **REPAMERK 1** repair mortar. Application surface has to be wetted and then waited until it becomes wet/dry. After the first coat of **CHIMEX 127**, sharp tips and horizontal/vertical joints which are suitable cracking should be chamfered with **REPAMERK 1** repair mortar or **PH 127** then second coat of **CHIMEX 127** should be applied.

Application Method

Liquid component B is poured into a clean container and mix at a low speed and then slowly added **CHIMEX 127** powder component A. Continue mixing until obtaining a homogenous mixture without any agglomerate (approximately 3-5 minutes). Mixture should be applied with a brush as 2 or 3 layers. Brush application direction for each layer must be perpendicular to each other. Each layer must be applied after the first layer begin to harden and still wet. Surface should be wetted before second layer. Prepared mixture have to be used within 2 hours.

Consumption

1,0 - 1,5 kg/m² for each layer. Recommended at least 2 coats application, if needed 3 coats might be applied.

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Packaging

30 kg set

Powder A component: 20 kg kraft bag / Liquid B component: 10 kg plastic drum

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

- In outer surface applications, the surface has to be protected from sun, wind, frost or rain during the first 24 hours.
- For the applications in hot and windy environment, only for the first coat, extra mixing water can be added without exceeding 10% of the Part B.
- 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 +25°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.

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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.