

CHIMEX 120

Cement Based, Polymer Reinforced, Single Component Waterproofing Material

Description

CHIMEX 120 is a cement based, polymer reinforced, single component rigid waterproofing material used on concrete and cement based plasters. It can be applied from the inside and outside against leaking and non pressured surface water.

Fields of Application

- In indoor and outdoor areas, for horizontal and vertical applications,
- In villa foundation insulation and retaining walls,
- In water tanks,
- In wet volume areas such as bathrooms, kitchens, balconies,
- It can be used in small swimming and decorative pools.

Features and Benefits

- Safely used in drinking water tanks.
- Water vapor permeable.
- Easy to apply
- Long working time

Technical Data

Content	Mineral fillers, polymer modified admixture and special cement
Color	Grey
Mixing	20 kg CHIMEX 120 : 4,60 lt water
Mixture Density	2,30 g/cm ³
Rupture Strength	≥1,00 N/mm ²
Resistance to Pressurized Water	≥0,50 bars positive
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, trowel, spray machine
Drying Time	
<i>Mechanical Strength</i>	2 days
<i>Water Impermeability</i>	7 days

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Waterproofing Material

<i>Topcoated by plaster/ceramic</i>	<i>3 days</i>
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 and remove loose pieces. 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. Sharp tips and horizontal/vertical joints which are suitable cracking should be chamfered with **REPAMERK 1** repair mortar or **PH 127**.

Application Method

4.5 L water is poured into a clean container and then slowly added 20 kg **CHIMEX 120**. 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. Prepared mixture have to be used within 2 hours. The surfaces that will be walked on have to be coated by grout or ceramic.

Consumption

For first layer - 1,50 kg/m² powder.

For second layer - 1,30 kg/m² powder

For third layer - 1,20 kg/m² powder

Recommended at least 2 coats application, if needed 3 coats might be applied. Product should be applied as maximum 2 mm wet film thickness in single layer.

Packaging

20 kg kraft bag

Shelf Life

12 months in original, unopened package.

Storage

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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 +25°C.
- The surfaces that will be walked on have to be coated by grout or ceramic.

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.