

SCHOUBIT 1K

Bitumen-Rubber Modified, Water Based, Elastomeric Liquid Membrane

Description

SCHOUBIT 1K is a bitumen-rubber modified, water based, single-component, ready to use liquid membrane with elastomeric additives, used for insulating water and damp. By the evaporation of the water it contains, it adheres firmly to the applied surface and forms an elastic waterproof layer.

Fields of Application

- In all horizontal and vertical applications,
- In building base, underground storehouses and basements insulation from the direction of water (positive direction),
- In wet areas insulation such as bathroom, kitchen, balcony.

Features and Benefits

- Applied as cold. Does not require heating or thinning.
- Ready to use.
- Provides a seamless insulation layer.
- Suitable for interior applications because of non-toxic and non-flammable content.
- Water based. Environment friendly.
- Adheres perfectly to all kind of surfaces, even when the surface is moist.
- Covers the capillary cracks.
- Provides permanent elasticity.

Technical Data

Content	Elastomeric Polymer Content Bitumen Emulsion
Color	Liquid form is petrol color, dry form is black
Density	1,03 g/cm ³
Solid Content	56%
Elasticity	600%
Carbon dioxide Permeability	418,24 m
Water Vapor Permeability	14,293 m
Capillary Water Permeability	0,025 kg/m ² .h ^{0.5}
Adhesion Strength	0,6 N/mm ²
Application Temperature	+5°C to +35°C
Drying Time	

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<i>Touch dry</i>	1 hour
<i>Full curing</i>	4-5 hours
<i>Mechanical Strength</i>	8 days
HS Code	2715.00.00.00.00

Application Procedure

Preparation of Substrate

Application surface must be dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and loose pieces. Sharp tips and horizontal/vertical joints which are suitable cracking should be chamfered with **PH 55** or **REPAMERK 1**. Big pores and cracks should be filled with **REPAMERK 301** repair mortar. To ensure strong adherence, avoid dust, and improve durability, non-metallic surfaces must be undercoated with **B PR 101**, and metallic surfaces must be undercoated with **B PR 102**.

Application Method

SCHOUBIT 1K is ready to use material, it should be applied as cold. After mixed well, it is applied with trowel, bitumen brush or spray gun. It dries within 4-5 hours depending on the weather conditions. It should not be applied in rainy days or within the temperatures lower than +5 °C. Second layer must be applied after first layer completely dry. For the applications that required higher durability against water pressure or on cracked surface, it must be reinforced with fiber glass, polyester felt, reinforcing fabric etc. The screed material obtained by mixing **SCHOUBIT 1K** with sieved fine sand and cement is applied with a trowel to smooth out and level the surface or to provide a protective coat over insulation.

Consumption

0,80 – 1,0 kg/m² for each layer. Recommended at least 2 layers application.

Packaging

17 kg metal pail
200 kg barrel

Shelf Life

12 months in original, unopened package.

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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.