

## SCHOUBIT 2K

Bitumen-Rubber Based, Cement and Fiber Modified, 2 Component, Liquid Membrane

### Description

**SCHOUBIT 2K** is a two component, bitumen-rubber based and reinforced with fiber and elastomeric resins, elastic and quick dry liquid membrane. By evaporation of 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, building base, underground storehouses and basements insulation and for insulating water leakages in wet areas such as bathroom, kitchen, balcony, toilets.
- For the applications that required higher durability against water pressure or on cracked surface, it can be reinforced with fiber glass, polyester felt, reinforcing fabric etc.

### 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	Liquid part : Elastomeric polymer content bitumen emulsion Powder part : Fiber reinforcement cement mixture
Color	Liquid form is dark green, dry form is black
Density of Mixture	1,20 g/cm <sup>3</sup>
Solid Content of Mixture	63%
Carbon dioxide Permeability	299,68 m
Water Vapor Permeability	14,293 m
Capillary Water Permeability	0,014 kg/m <sup>2</sup> .h <sup>0,5</sup>
Adhesion Strength	0,7 N/mm <sup>2</sup>
Application Temperature	+5°C to +35°C

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Drying Time	
<i>Touch dry</i>	1 hour
<i>Full curing</i>	5-6 hours
Mechanical strength	8 days
HS Code	2715.00.00.00.00

## Preparation of Substrate

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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 2K** is cold applicable. Powder B component in the bag is poured into liquid A component under low speed mixer, they are mixed together until there remains no lump, getting homogenous mixture. After they are mixed, it is applied with a bitumen brush or trowel. Depending on the weather conditions, it dries approximately in 1 - 2 hours. It can be applied on damp surfaces, but not on wet surfaces. It should not be applied under the rain or when the temperature lower than +5°C. Next layer should be applied when the previous layer completely dry.

## Consumption

3,0 – 5,0 kg/m<sup>2</sup> for two layers.

## Packaging

24 kg bitumen emulsion + 8 kg powder = 32 kg as a set

## 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 with industrial type solvents or/and 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.