SILOX

Invisible Water Repellent and Surface Impregnating Material

Description

SILOX is a solvent and silane-siloxane based, single component, surface impregnating and priming material which provides an invisible waterproof barrier in capillaries it is applied.

Fields of Application

- Application surface must definitely has a sharp downstream slope.
- On high absorbent surfaces such as concrete, mineral surface, gas concrete, brick, roofing tiles etc.; mineral based natural and artificial stones; mineral based painted surfaces; monuments, statues. For restoration purposes.
- It is not recommended under high pressure water, on glazed surfaces, in underground conditions with high hydrostatic pressure or on painted surfaces.

Features and Benefits

- An invisible material which does not form any film on the surface.
- It is the ideal material for the surfaces where the appearance must not change.
- Has vapor permeability; provides breathability for the surface.
- Has water repellent effect.
- It will be not tacky after curing.
- It does not form a layer on the surface.
- It protects the surface against mold, mildew, fungus.
- It is resistant to alkaline environment.
- It provides heat saving.
- It has high UV resistance.

Technical Data

Content	Solvent and silane-siloxane
Color	Transparent
Density	0,79 g/cm^3
Application Temperature	+5°C to +35°C
Drying Time	
Full curing	*3 hours*
Mechanical strength	*3 days*

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HS Code	3208.90.91.00.23

Application Procedure

Preparation of Substrate
The application surface must be clean and dry and free from grease, rust, dirt, mold, etc. Cracks and loose parts must be repaired. The surface to be treated for water insulation must be inclined downstream. Building elements such as window frames or panels must be protected during application.

Application Method
SILOX surface impregnating material should be applied by using brush, roller or spray gun. It must be applied with saturation technique, coat after coat, without waiting for the former coat to dry up and at least two coats. Topcoats must be applied on the **SILOX** after 24 hours.

Consumption

0,200 – 0,600 kg/m^2 for each layer depending on absorbency of the surface.

Packaging

3,5 kg metal can
15 kg metal can

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 stain remover immediately after use. Dried material can only be removed mechanically.

Terrace, Balcony and Wet-Damp Floor Waterproofing Products

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Cautions / Limitations

- Highly flammable material.
- 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.

Baumerk Yapı ve Kimya San. Tic. Ltd. Şti.
Dursunköy Mah. Uygur Cad. No 44 Hadımköy,
34555 ARNAVUTKÖY / İSTANBUL / TÜRKİYE
Tel: +90 212 438 7 888
Fax: +90 212 438 67 05

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www.baumerk.com