



YAPI KİMYASALLARI SAN. VE TİC. LTD. ŞTİ.

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# BETTOSILAN

Colorless Water Repellent Impregnation for Exterior Facades

## MATERIAL DESCRIPTION

**BETTOSILAN is a solvent based, silane siloxane based, colorless water repellent material that provides water repellent properties by applying to the surfaces of building elements.**

### AREAS OF USE

- For exterior cladding, VERTICAL,
- On low absorbent surfaces such as concrete, marble, granite, slate,
- On absorbent surfaces such as brick, colored briquette, aerated concrete, travertine, moldy stone,
- It is used for the protection of historical artifacts against atmospheric effects.

### ADVANTAGES

Note: The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.

- It is a colorless, transparent impregnation material with high penetration properties,
- It provides protection without changing the appearance of exterior cladding and without forming a film layer.
- It reduces the negative effects of the atmosphere by making the surfaces of the building elements impermeable,
- High resistance to alkalis and UV rays,
- Resistant to freeze - thaw cycles,
- Vapor permeable,
- By keeping the building elements dry, it reduces heat losses and heating costs.

### TECHNICAL SPECIFICATIONS

|                                       |                             |
|---------------------------------------|-----------------------------|
| Structure of the Material             | Solventized silane siloxane |
| Color                                 | Colorless (Transparent)     |
| Density                               | ~0.80 g/cm <sup>3</sup>     |
| Drying Time                           | 24 hours                    |
|                                       | +5°C +25°C                  |
| Floor Temperature Service Temperature | -20 °C +80 °C               |



## SURFACE PREPARATION

Before application, all dust, dirt, grease, oil and loose parts should be removed from the surface to reduce the adhesion strength.

## MIXTURE AMOUNT

**BETTOSILAN** is ready for use. It must not be mixed with any other material. water should NEVER be added.

## APPLICATION METHOD

**BETTOSILAN** should be applied on dry surfaces with a suitable roller, brush or spraying machine for maximum penetration in first coat applications. The second coat should be applied after approximately 4 hours. For maximum protection, it may be necessary to apply one more coat on very porous surfaces.

## PACKAGING

5-liter can.

## EXPENDITURE

2 coats are recommended.

1. floor: 0.400 liters/m<sup>2</sup>

2. floor: 0.250 liters/m<sup>2</sup>

12 months from the date of production under appropriate storage conditions. Opened packages should be sealed and consumed within 1 week.

## STORAGE

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out system. For long-term storage, pallets should not be stacked on top of each other.

## SECURITY MEASURES

Storage areas must be ventilated. During application, work clothes, protective gloves and goggles should be worn in accordance with Occupational Health and Safety rules. During storage and application, it should not be applied to the skin and eyes, in case of contact, it should be washed immediately with plenty of water and soap, and if swallowed, a doctor should be consulted immediately. Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, Material Safety Data Sheet should be consulted.

## RESPONSIBILITY

The data contained in this technical document are based on our scientific and practical knowledge. **BETTON Construction Chemicals San. ve Tic. Ltd. Şti.** is only responsible for the quality of the product. **BETTON Construction Chemicals San. ve Tic. Ltd. cannot be held responsible** for any consequences that may occur due to misuse and/or misuse other than the written recommendations on where and how to use the product. **Ltd. Şti.** cannot be held responsible.



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