

# SB TAŞ İZOLATÖRÜ

## PRODUCT DESCRIPTION

ISOWEIR SB STONE INSULATOR is an impregnated insulation and primer material that penetrates and impregnates the applied surface and provides excellent water repellency by creating an invisible barrier against water in capillary channels.

It is a water-based product that provides waterproofing, corrosion resistance, vivid and natural appearance for a long time in construction materials with high water absorbency such as plaster, aerated concrete, floor and facade coatings such as natural stone marble.

## AREAS OF USE

In all new and old stone structures, In flooring and facade coverings such as natural stone, marble, and ceramic, In high water-absorbent construction materials like plaster and aerated concrete, For providing excellent protection against moisture and water in grout fillings, In the preservation and restoration of historical artifacts, Against wear and dust, On curbs, stone stairs, and railings, In fireplaces and barbecues.

## APPLICATION

**Surface Preparation:** The application surfaces should be cleaned from water, dust, oil, loose, blistered tissue, old painted surfaces, etc. It must be clean, dry, free of dust and oil. The capillary spaces of the surface to be impregnated with ground impregnation should be larger than 0.09 microns. The surface should not be damp during application.





**ISOWEIR**<sup>®</sup>  
PAINT & INSULATION SYSTEMS

**Product Preparation and Application:** The product is ready to use, no thinning is required. It must be mixed before use. At least two coats should be applied in roller applications. It should be applied in a single coat using a spray or by immersing. In immersion systems, the product can be diluted with 30% water. Water hardness should not exceed 20 German degrees of hardness, it should be potable water. If it is to be used in the joints of non-porous surface building elements such as ceramics, tiles, etc., the joints should be repaired first. A fine-tipped brush should be used. at the joints. After the process is completed, the overflowing material on glossy surfaces should be wiped with a wet cloth, otherwise a matt appearance will remain. It is not suitable for use on paint, under pressurized water (pool, water tank, etc.) or in soil where hydrostatic pressures exist.

**Points to be Considered:** Eyes should be protected during the application. It is recommended to wear gloves. In case of skin contact, wash thoroughly with plenty of water and soap. In case of contact with eyes, consult a doctor.

## FEATURES, ADVANTAGES

- ◆ It does not spoil the aesthetic appearance on the surface, preserves natural beauty.
- ◆ They provide excellent water impermeability by penetrating the fibrillar structure of the applied surface.
- ◆ They stabilize water vapor permeability.
- ◆ In addition to its waterproofing properties, it provides dripping and sliding effects.
- ◆ It is resistant to alkaline environments
- ◆ It prevents frost damage caused by expansion during freezing and thawing of water by preventing water ingress.
- ◆ It prevents the formation of white salt stains
- ◆ It is a transparent material that does not form a film on the surface.
- ◆ It is an environmentally friendly product with low VOC value.



**Star Boya ve Kimya San. ve Tic. Ltd. Şti.**  
ISISO Sanayii Sitesi A Blok No : 12 Hadımköy, İstanbul, Türkiye  
+90 (212) 623 2716  
info@isoweir.com

[www.isoweir.com](http://www.isoweir.com)

## HEALTH AND SAFETY INFORMATION

- ◆ Please consider the hazard and precautionary statements indicated on the product packaging.
- ◆ Follow the guidelines specified in the product's safety data sheet.
- ◆ In case of unexpected health issues, consult the nearest healthcare facility.

## TECHNICAL SPECIFICATIONS

Color	Transparent
Appearance	Liquid
Density (20 °C)	1,00 gr/cm <sup>3</sup>
Solid Matter (% Weight)	%10 (ASTM D 4209)
PH (25 °C)	8-9 (ASTM E70)
Dry Film Thickness	Impregnated
Application Temperature (°C)	+5 °C – 30 °C
Application Apparatus	Brush, roller
Thinning Rate	Immersion method: 30% (The waterhardness should be 20 German degrees of hardness.)
Mixture Life (20 °C)	6 hours
Amount of Use m <sup>2</sup> /kg	0,100 – 0,150 kg (single coat)
Drying Time (20 °C)	Touch drying is achieved by separation of water molecules from the surface. After 24 hours, the reaction with air ends and full curing occurs.
Packaging	20 kg - 5 kg Plastic drums
Storage Temperature	It should be stored in a place not exposed to direct sunlight, protected from frost, in closed packaging at 5 °C - 35 °C.
Storage Duration	2 Years
Quality Certificate	ISO 9001



**Star Boya ve Kimya San. ve Tic. Ltd. Şti.**

ISISO Sanayii Sitesi A Blok No : 12 Hadımköy, İstanbul, Türkiye

+90 (212) 623 2716

info@isoweir.com