

TECHNICAL DATASHEET

IZOMAX® S 440

About Product

IZOMAX® S 440 is a silane-siloxane-based impregnating and insulating waterproofing material penetrating into the surface of building elements without changing the treated surface color.

Product code: 204.20015

Application Areas

- In outdoor facing
- On low absorbent surfaces such as marble, granite
- On absorbent surfaces such as limestone, brick, aerated concrete, travertine
- To protect historical monuments from atmospheric impacts

Advantages

- Impregnating material with high penetrating properties
- Protects the treated surface without changing its appearance or creating a film layer
- Protects against the negative atmospheric impacts, eliminating the water-absorbing capacity of building elements
- Alkali and UV-resistant
- Steam-permeable
- Reduces heat loss and heating costs by keeping building elements dry
- Solvent-free

Technical Specifications

Composition of material	Silane-siloxane
Color	White
ph	7.3
Density	0.93 kg/L
Treated surface temperature	+5°C +25°C
Service temperature	-20°C +80°C
Drying time	24 hours

The above figures are valid for +20°C and relative humidity of 50%. High temperatures accelerate the process while low temperatures extend it.

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Application Guidelines

Surface Preparation

Ensure the treated surface is healthy, dry, clean, dust-free, and load-bearing. The surface should be free of oil, rust, grease, and wax residues, and excessive debris weakening adhesion. IZOMAX® S 440 should be applied in minimum 2 layers. Apply the first layer with a suitable roller, brush, or spraying gun on a dry surface to achieve maximum penetration. Apply the second layer in approximately 4 hours. For maximum protection, apply an additional layer on highly absorbent and porous surfaces. Do not apply to areas that are frozen, thawed, or at risk of freezing within 24 hours. Do not apply in direct sunlight, strong wind, or rainy weather.

Packaging

IZOMAX® S 440 is ready to use. Do not add water.

Consumption

Recommended amount: minimum 0.6 kg/m². Consumption may vary depending on the surface absorbency and porosity.

Cleaning Tools

After application, clean the used tools and accessories immediately with water. Use solvent to remove hardened material.

Storage Conditions

Store unopened in the original packaging in a dry and cool place protected from direct sunlight and frost.

Shelf Life

Under proper storage conditions, 12 months from the date of manufacture.

Safety Measures

During the application, wear work clothes and use protective gloves, glasses, and a mask according to the working conditions and occupational safety requirements. Due to the irritant effect of the uncured material, avoid contact with skin and eyes; in case of contact, immediately wash the contact area with plenty of water and soap; in case of ingestion, seek medical advice immediately. Food products should not be allowed in the material application areas. Store out of reach of children. For more details, please see the Safety Datasheet.

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Liability

Our company shall only be liable for the product quality. Our company shall not be liable for any use of the product in breach of written guidelines and/or improper use. For more details, please request a product manual or contact our company's responsible officials.



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