

İZO SIVA

INSULATION PLASTER

PRODUCT DESCRIPTION

ISOWEIR İZO SIVA is a flexible, lightweight, durable, highly adherent, decorative and water-based plaster that can be applied on concrete, wood and all kinds of mineral-based surfaces to provide heat, water and limited sound insulation on exterior facades.

AREAS OF USE

It is applied to concrete, plastered, painted, and mosaic surfaces, as well as wood, brick, aerated concrete, drywall, cement boards, OSB panels, glass, and EPS thermal insulation boards.

APPLICATION

Surface Preparation: On concrete surfaces, the entire surface should be cleaned of dust, dirt and free particles by mechanical means. Flaked paint on the surface, if any, should be scraped off to reach a solid base. Deep pits and cracks should be filled by adding micro polymer primer material into the fiber mortar in the amount of water to be used in order to provide optical unity. If there is mold and moss on the surfaces, it should be eliminated with fungicidal materials. ISOWEIR FIXATOR should be applied to the cleaned surface with 200 - 250 gr per m². ISOWEIR ISOLATION PLASTER application should be started after 1-2 hours depending on weather conditions.

Product Preparation and Application: The product is ready to use, no thinning is required. Mix well before use. Wait minimum 2 hours between coats when applying



ISOWEIR IZO SIVA. It was aimed to obtain a smooth surface in a short time. In the sheathing process, there is no need for the water basement lath used to ensure that the plates are properly fixed to the surface in the processes made with ISOWEIR. Instead of this process, the horizontal level is leveled with a balance level to ensure that there are no gaps between the plates and marking is made with a rope or other apparatus. Polystyrene plates are adhered to the surface to be adhered by dotting with ISOWEIR BONDING PLASTER as 15 pieces per m². The entire surface is plastered with ISOWEIR IZO SIVA in two layers. There is no need for lathing and netting at the corners. After waiting for sufficient time for drying, apply the 2nd coat and finish the process by applying ISOWEIR ELASTOCAP in the desired color.

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 is not affected by cold and heat and has high adhesion properties.
- ◆ ISOWEIR IZO SIVA has the ability to provide heat and water insulation.
- ◆ Sheathing does not create a thermal bridge.
- ◆ It is lightweight and does not add extra load to structures.
- ◆ Easy to apply.
- ◆ It protects the building against water and harmful effects by wrapping the building like a shell, without leaving any joints and gaps in the building.
- ◆ It also allows water vapor to pass through as it has an inhalation feature.
- ◆ It provides 100% water insulation and thanks to the air gaps in its structure, it provides up to 30% heat insulation when applied alone. When applied together with EPS plates, it provides up to 70% thermal insulation and 100% waterproofing on the facade and in your living spaces.
- ◆ Non-ignitable, self-extinguishing when exposed to a hot flame without spreading the flame. Thanks to this feature, it meets the definition of "fire retardant coatings". Sheathing made with polystyrene foam does not have this feature.



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

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	White
Appearance	-
Density (20 °C)	0,87 – 0,95 gr/cm ³
Solid Matter (% Weight)	%63 – 65 (ASTM D 4209)
PH (25 °C)	8-9 (ASTM E70)
Dry Film Thickness	E5 (TS 1062-1)
Elongation at Break	92% (TS EN 1967)
Tensile Strength	5,6 N (TS EN 1967)
Tensile Adhesion Resistance (Strength)	1N / mm ² (TS EN 1348)
Water Transmission Rate	0,06 g (m ² *day) (Class W3) TS EN 7847
Light Fastness (1-8)	8
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Steel trowel
Thinning Rate	None
Mixture Life (20 °C)	-
Amount of Use m ² /kg	3,000 – 4,000 kg
Drying Time (20 °C)	Drying (10°C): 5 hours Drying (20°C): 2 hours
Packaging	15 kg Plastic bucket
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	1 Year
Quality Certificate	ISO 9001 – TS 7847 The invention patent belongs to our company.



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