

# İZOÇATI

## PRODUCT DESCRIPTION

ISOWEIR İZOÇATI is a structurally flexible roof insulation plaster that does not contain bitumen, cement or mineral stones. İzoçatı is a high adhesion product that can be used as a topcoat in the roof system and can provide 100% waterproofing and 15% thermal insulation. It is not affected by sunlight, heat and cold.

## AREAS OF USE

It is used on all concrete surfaces, Wood, Metal, Aerated concrete, Gypsum board, concrete board, OSB plates, Chipboard coatings.

## APPLICATION

**Surface Preparation:** Before application, surfaces should be cleaned from dirt, dust, old paint and free particles by mechanical means. 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. ISOWEIR FIXATOR should be applied to the cleaned surface with 200 - 250 gr per m<sup>2</sup>. ISOWEIR İZOÇATI application should be made 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. On surfaces such as wood, OSB, chipboard, etc., apply 2 coats directly with a steel trowel without using ISOWEIR FIXATOR, respecting the drying time between coats. After applying 150 gr ISOWEIR FIXATOR per m<sup>2</sup> on surfaces such as metal, glass, PVC, concrete, İZOÇATI is applied in 2 coats using





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

160 gr mesh on the 1st coat. As a topcoat, a single coat of ISOWEIR İZOÇATI TOP COAT is applied with a roller in the color of the applied ISOWEIR İZOÇATI. Wait a minimum of 2 hours between coats of ISOWEIR İZOÇATI depending on the air temperature. Since the product is water-based, it dries with the removal of the water inside. For this reason, the drying time shortens as the temperature increases.

**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 sun rays and has high U/V resistance.
- ◆ The entire roof will be insulated with a monoblock insulation cover without joints.
- ◆ Since chimney edges and drains are insulated with the same product, different materials are not used.
- ◆ It is flexible and not affected by cold and heat.
- ◆ It has high adhesion properties.
- ◆ Easy to apply.
- ◆ No doweling, nailing or heating is required for surface fixing.
- ◆ 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".

## 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.



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## TECHNICAL SPECIFICATIONS

Color	Colors made of inorganic pigments
Appearance	-
Density (20 °C)	0,90 – 0,98 gr/cm <sup>3</sup>
Solid Matter (% Weight)	%70 – 74 (ASTM D 4209)
PH (25 °C)	8-9 (ASTM E70)
Dry Film Thickness	E5 (TS 1062-1)
Elongation at Break	56% (TS EN 1967)
Tensile Strength	4N (TS EN 1967)
Tensile Adhesion Resistance (Strength)	0,8
Water Transmission Rate	0,098 gr (m <sup>2</sup> *day)(Class W3) TS EN 7847
Water Vapor Differential Value	30 gr (m <sup>2</sup> *day)(Class W2) TS EN 7847
Flash Point (°C)	None
Ignition Temperature (°C)	None
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 <sup>2</sup> /kg	3,000 – 4,000 kg (double coat)
Drying Time (20 °C)	2-3 mm thickness (10°C): 4 hours 2-3 mm thickness (10°C): 2 hours
Packaging	18 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 It is a product produced by us for the first time in Türkiye.

