

İZOTEMEL

PRODUCT DESCRIPTION

ISOWEIR İZOTEMEL is a bitumen, cement-free, structurally flexible monoblock (no joints) foundation insulation plaster. İzotemel is a product with high adhesion that can be used as a topcoat in the foundation system, providing 100% waterproofing and up to 15% thermal insulation. There is no need for any cover to protect the İzotemel film.

AREAS OF USE

It can be used on all concrete surfaces, wood, aerated concrete, gypsum board, concrete board, ceramic and natural stone.

APPLICATION

Surface Preparation: Adherence reducing coatings such as mold oil, grease, paint should be cleaned from the surface. Drill holes must be filled. Corners and sharp turns should be rounded (by chamfering etc...). Fractures, gaps and deep cracks should be repaired. After the concrete surfaces are mechanically cleaned from free particles, 100-200 gr ISOWEIR FIXATOR per m² should be applied to the entire surface with a brush, roller or paint gun depending on the absorbency of the surface.

Product Preparation and Application: The product is ready to use, no thinning is required. Mix well before use. ISOWEIR İZOTEMEL is applied on all surfaces in 2 coats, provided that there is no open area, with a steel trowel, waiting for the required drying time between coats. As a topcoat, a single coat of ISOWEIR İZOTEMEL



topcoat in the color of the applied ISOWEIR IZOTEMEL is applied with a roller. Wait a minimum of 2 hours between coats of ISOWEIR IZOTEMEL 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

- ◆ Due to the special binder used in its production, it shows very high resistance to the corrosive effects of natural conditions. Therefore, there is no need for additional systems to protect the insulation and therefore no need for additional costs.
- ◆ It has very high alkali resistance.
- ◆ It does not dissolve in water after drying, not affected by heat and cold.
- ◆ It has high adhesion properties.
- ◆ It prevents deformation that may occur at any point from reaching the other surface
- ◆ 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.





TECHNICAL SPECIFICATIONS

Color	Dark gray
Dark gray	-
Density (20 °C)	0,90 – 0,98 gr/cm ³
Solid Matter (% Weight)	%68 – 70 (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 (TS 1348)
Water Transmission Rate	0,098 gr (m ² *day)(Class W3) TS EN 7847
Water Vapor Differential Value	30 gr (m ² *day)(Class W2) TS EN 7847
Flash Point (°C)	None
Ignition Temperature (°C)	None
Light Fastness (1-8)	6
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Steel trowel
Thinning Rate	None
Mixture Life (20 °C)	-
Amount of Use m ² /kg	3,00 – 4,00 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. The invention patent belongs to our company.

