

İZOTEMEL SON KAT

PRODUCT DESCRIPTION

ISOWEIR İZOTEMEL TOP COAT is an elastomeric resin based, liquid plastic, one component, semi-liquid paste shaped, tixotropic, elastic when dry, water impermeable, high alkali resistant, liquid plastic, one component top coat sealant material developed for basic insulation plaster.

AREAS OF USE

IZOWEIR İZOTEMEL applications as top coat protective coating, dilatation of surface joints and joints of building elements, insulation of exterior facades of buildings, insulation of aluminum, wood and PVC frames against water and wind.

APPLICATION

Surface Preparation: For applications on ISOWEIR İZOTEMEL, the application surface must be free from dust, dirt and oil and the surface must be dry. In other insulation applications, loose layers should be removed, small cracks and defects on the surface can be corrected with ISOWEIR WATER SHUTOFF mixed with fine washed sand in a ratio of 1 to 3 and made into a paste. Before application, horizontal and vertical surfaces must be primed with "ISOWEIR FIXATOR" primer, leaving no open areas. ISOWEIR FIXATOR can be applied by brush, roller or spray gun. Felt must be applied on parapet corners, light shafts, chimney flashing, bridging cracks, vertical and horizontal intersections in pool insulations. Surfaces



exposed to pedestrian and freight traffic are recommended to be covered with a protective coating material such as screed and ceramic tiles.

Product Preparation and Application: The product is ready to use, no thinning is required. Mix well before use. In the applications to be made on ISOWEIR IZOTEMEL base coating plaster, if ISOWEIR IZOTEMEL is applied in sufficient thickness and homogeneously according to the instructions, it is sufficient to apply 1 coat of ISOWEIR IZOTEMEL TOP COAT. If you notice surface defects and application errors in the plaster application, we recommend applying a 2nd coat. It is applied on all surfaces in 2 coats provided that there is no open area, waiting for the required drying time between the coats and applied with a brush or roller in other applications. 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 has an elastic insulation dry film layer and high alkali resistance.
- ◆ It forms a seamless, watertight, high strength layer.
- ◆ It is resistant to continuous water contact.
- ◆ It prevents water ingress with its water repellency feature. Weather Fastness(1-5): Value 5
- ◆ Elastic insulation has an exceptionally flexible structure. It was observed in the tests that there was no tearing and rupture in the film layer even at double coating of its own length.
- ◆ It is highly resistant to abrasion, non-spontaneous ignition,
- ◆ 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	Anthracite
Appearance	-
Density (20 °C)	1,44 – 1,45 gr/cm ³
Solid Matter (% Weight)	%73 – 77 (ASTM D 4209)
PH (25 °C)	8-9 (ASTM E70)
Dry Film Thickness	E5 (TS 1062-1)
Elongation at Break	300 % (TS1967)
Tensile Strength	6,04 N (TS1967)
Water Transmission Rate	0,098 kg/(m ² .h) class W3 (TS 7847)
Water Vapor Differential Value	21 gr/m ² .Day class V2 (TS 7847)
Light Fastness (1-8)	6
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Brush, roller
Thinning Rate	None
Mixture Life (20 °C)	-
Amount of Use m ² /kg	0,750 kg (single coat)
Drying Time (20 °C)	Initial Curing: 2 hours Full Curing: 24 hours
Packaging	20 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



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