

İZOPULVER

PRODUCT DESCRIPTION

ISOWEIR İZOPULVER is an elastomeric resin based liquid plastic isolation material that can be applied with airless paint machines for wet floors, forming a semi-liquid, elastic, water impermeable layer that is highly resistant to different climatic conditions when dry.

AREAS OF USE

It is used to provide flexible, durable, 100% waterproofing in wet floors, Atermite roof, Bitumen coated roof, Sandwich panel roof, Concrete roof systems. Since it is easy to apply, the possibility of workmanship error is low, it provides the most economical and robust technological renewal opportunity in roof repairs.

APPLICATION

Surface Preparation: Application surfaces should be cleaned from dust, dirt and oil and the surface should be dry. 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. Apply ISOWEIR İZOPULVER in two coats on the primed surface. A waiting



period of 2 hours is required between coats during application. 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.

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

- ◆ **Elasticity:** Elastic insulation has an extraordinarily elastic structure. tests have shown that there is no separation and rupture of the film layer even at 2 times its own length.
- ◆ **Fire Resistance:** 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".
- ◆ **Weather Resistance:** The elastic insulating dry film layer is highly resistant to ultraviolet radiation. It prevents water ingress with its water repellency feature. Weather Fastness (1-5): Value 5

TECHNICAL SPECIFICATIONS

Color	White, Gray, Red, Green
Appearance	-
Density (20 °C)	1,35 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)
Modified elastic polyamide rate	55%
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)	8
Application Temperature (°C)	+5 °C – 30 °C
Application Apparatus	Brush, roller
Thinning Rate	None
Mixture Life (20 °C)	-
Amount of Use m ² /kg	1,500 – 1,800 kg (double 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



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.

