

# ZEEPSON ZEMİN

## SOLVENT FREE

### PRODUCT DESCRIPTION

ISOWEIR ZEEPSON FLOOR, is a solvent-free epoxy resin based, two-component, water and solvent resistant, hygienic top coat coating material that can show superior resistance against physical and chemical factors.

### AREAS OF USE

In food production facilities, hospitals, cold storages, swimming pools and other pools, petroleum, fuel oil, paraffin, oil, diesel oil, storage tanks containing various concentrations of acids and various solvents, parking garage floors, cargo warehouses, ballast tanks, water tanks and other tanks.

### APPLICATION

**Surface Preparation:** Metal surfaces should be sand blasted at SA 2,5 and the blasted surface should be cleaned with dry air. If the concrete is new, the floor concrete should be cured (~ 21 days) and the moisture content of the concrete should not exceed 4%. Concrete surfaces should be thoroughly cleaned, dust and loose particles should be removed with rotating steel or vacuum cleaner, cracks and eyelet holes should be filled. After surface preparation, the concrete floor should be primed with suitable ISOWEIR ZEEPAS primer material and made ready for topcoat application.

**Product Preparation and Application:** The mixing ratio should be 20 kg of Component A and 4 kg of Component B by weight. Component A should be mixed with a low speed mixer until homogenized. Then Component B should be added to





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

component A and the mixture should be mixed at about 100 rpm for at least 2 minutes. As the amount of contents you are mixing increases, you may need to increase your mixing time or mixing speed. As soon as you start mixing, there will be a cloudy appearance in the system at first, and as the mixing continues, it will start to become transparent again. Scrape the finished mixture into another clean container and mix again. You can complete your process by pouring the mixture you mixed for the second time into the area where you will apply. To minimize air entrainment (to avoid bubbles), mixing should not be done for too long and at high speed. Spilled material should be spread on the surface with a steel trowel and any gas bubbles should be removed with a spiked roller.

**Points to be Considered:** Eyes should be protected during the application. It is recommended to wear gloves.

## FEATURES, ADVANTAGES

- ◆ Being solvent-free, it can be safely used in closed areas, water tanks, food and hygiene areas where compliance with hygiene conditions is required.
- ◆ It can be used as coating and insulation material in drinking water tanks.
- ◆ It is an antioxidant. When used in water tanks, there is no change in the taste and odor of water.

## 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	Various colors
Gloss	Glossy
Appearance	-
Density (20 °C)	1,60 gr/cm <sup>3</sup> Thixotropic
Mixing Ratio (% Weight)	Component A 80% Component B 20%
Dry Film Thickness	260 microns
Wet Film Thickness	300 microns
Solid Matter (% Weight)	%96
Heat Strength (°C)	55 °C – 150°C (to be requested)
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Steel spreading tool (Trowel). Hedgehog roller to remove gas bubbles
Thinning Rate	None
Mixture Life (20 °C)	40 minutes
Amount of Use m <sup>2</sup> /kg	1.400 kg
Drying Time (25 °C)	Initial Curing: 2 - 2.5 hours Second Coat: 18 - 24 hours Curing Period: 7 days
Packaging	Component A 20 kg Component B 4 kg Tin 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 – CE

