

ZEEPAS - SC

PRODUCT DESCRIPTION

ISOWEIR ZEEPAS - SC is an epoxy-based, solvent-free, two-component stone carpet flooring resin with low viscosity and high solids content. It is resistant to physical and chemical impacts and offers excellent UV resistance, making it suitable for durable and long-lasting flooring applications.

AREAS OF USE

Binding resin used by mixing with natural mineral granules around swimming pools, in outdoor areas, parks and gardens, landscaping applications, and decorative indoor spaces.

APPLICATION

Surface Preparation: Before application, all surfaces must be mechanically cleaned of dirt, dust, old paint, and loose particles. Concrete surfaces should be thoroughly cleaned, and dust and loose particles must be removed using a rotary steel brush or industrial vacuum cleaner. Cracks and bugholes should be properly repaired and filled. If the concrete is newly cast, it must be fully cured (minimum approximately 21 days), and the moisture content of the concrete must not exceed 4%. The cleaned surfaces should be prepared by suitable mechanical abrasion methods such as sandblasting, grinding, or sanding to obtain a roughened surface profile. Any dust generated during the mechanical preparation process must be completely removed from the surface using industrial vacuum cleaning equipment.





ISOWEIR[®]
PAINT & INSULATION SYSTEMS

Product Preparation and Application: Do not apply on wet, high-humidity, or frozen surfaces. The mixing ratio by weight should be prepared as A COMPONENT 100% and B COMPONENT 50%. First, Component A should be mixed with a low-speed mixer until a homogeneous consistency is achieved. Then, Component B should be added to Component A and mixed for at least 2 minutes at approximately 100 rpm. Depending on the quantity of material being mixed, it may be necessary to increase the mixing time or mixing speed. At the beginning of the mixing process, the mixture will become cloudy. As mixing continues, it will gradually return to a transparent appearance. After the initial mixing stage is completed, natural mineral granules (stone aggregates) should be added (recommended aggregates should be used), and mixing should continue until all granules are fully coated with Zeepas-SC. The prepared mixture can then be poured onto the application area to complete the installation. To minimize air entrapment (bubble formation), avoid excessive mixing times and high mixing speeds. Do not apply on wet, high-humidity, or frozen substrates.

FEATURES, ADVANTAGES

- ◆ Solvent-free.
- ◆ Provides excellent resistance against physical and chemical effects.
- ◆ Offers high adhesion strength.
- ◆ Has low viscosity.
- ◆ Creates hygienic, dust-free surfaces.
- ◆ Penetrates capillary pores within concrete, helping to strengthen the structure.

HEALTH AND SAFETY INFORMATION

- ◆ Follow the hazard and precautionary statements indicated on the product packaging.
- ◆ Comply with the instructions provided in the product Safety Data Sheet (SDS).
- ◆ In the event of any unexpected health issues, seek medical attention from the nearest healthcare facility.



Star Boya ve Kimya San. ve Tic. Ltd. Şti.

ISISO Sanayii Sitesi A Blok No : 12 Hadımköy, İstanbul, Türkiye

+90 (212) 623 2716

info@isoweir.com

www.isoweir.com

TECHNICAL SPECIFICATIONS

Color	Transparent
Gloss	Glossy
Appearance	-
Density (20 °C)	1,15 – 1,20 kg / lt thixotropic liquid
Mixing Ratio (% Weight)	Component A 66.66% Component B 33.34%
Dry Film Thickness	30-50 microns.
Wet Film Thickness	80 microns.
Viscosity (25 °C)	500-600 mPas
Heat Resistance (°C)	150 °C
Flash Point (°C)	96-104 °C Method: DIN 51758
Auto-Ignition Temperature (°C)	455 °C Method: DIN 51794
Application Temperature(°C)	+5 °C – + 35 °C
Application Tools	Steel trowel
Thinning Ratio	None
Pot Life (20 °C)	35 minutes
Consumption kg/m ²	1,30 – 1,50 kg/m ²
Drying Time (20 °C)	Initial cure: 6 hours Full cure: 24 hours Curing period: 7 days
Packaging	Component A: 10 kg Component B: 5 kg Metal pail
Storage Temperature	Store in a closed container at 5°C–35°C, protected from direct sunlight and freezing conditions.
Storage Life	1 year
Quality Certification	ISO 9001 – CE



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