

ZEEP MAC 2K

PRODUCT DESCRIPTION

ISOWEIR ZEEP MAC 2K is a two-component, solvent-free epoxy resin, aliphatic amine, mounting epoxy that can be used for record bonding and fine repairs.

AREAS OF USE

Bonding of carbon plates without any gap between the surface and the surface, bonding of granite, marble, ceramic, natural stones. Restoration of historic buildings. It is used in areas where high mechanical resistance is required as a leveling putty on all surfaces where acid base resistance is required.

APPLICATION

Surface Preparation: On concrete surfaces, the entire surface should be cleaned of dust, dirt and free particles by mechanical means. Sa 2.5 sand blasting should be applied to corroded column iron reinforcements. An oxidation protector (ISOWEIR U-Pox Shop Primer) is applied on the rust-free iron reinforcement. Deep pits and cracks should be filled by adding micro polymer primer material into the fiber mortar in the amount of water to be used in order to provide optical unity. All sharp edges of the surfaces should be chamfered.

Product Preparation and Application: The mixing ratio should be 16 kg of Component A and 4 kg of Component B by weight. Add all of B compound prepared in accordance with ISOWEIR ZEEP MAC 2K mixing ratios into A compound and mix with a 300 rpm mixer with suitable paddles and blades until 2-3 is homogenized. Apply 1-1.5 mm spatula on the Carbon Plate surface and the area to be adhered 24 hours after Zeepas Primer application, taking into account



the application temperature limits. It is ensured that there is no air gap between it and the mounted surface by pressing the plate. Apply a thin coat of ISOWEIR ZEEPSON FRP 2K on the plate and sprinkle sand on the surface. This process increases the adhesion surface area for the plaster to be applied later and ensures strong adhesion.

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. All work tools should be cleaned with ISOWEIR TINER immediately after application.

FEATURES, ADVANTAGES

- ◆ It is applied on vertical and horizontal ceiling surfaces.
- ◆ Adhesion (two different materials sticking to each other) is high.
- ◆ It has a high moisture tolerance.
- ◆ It is solvent free.
- ◆ It is resistant against physical and chemical factors.

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.



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	Black, Gray
Gloss	Matte
Appearance	-
Density (20 °C)	1,85 – 1,90 gr/cm ³ Thixotropic
Mixing Ratio (% Weight)	Component A: 50% Component B: 50%
Dry Film Thickness	260 microns
Wet Film Thickness	300 microns
Solid Matter (% Weight)	%100
Tensile Strength	25 N/mm ² at 23 °C after 7 days
Pressure Resistance	80 N/mm ² at 23 °C after 8 days
Elasticity Module	~4500 N/mm ²
Tensile Adhesion Strength	4 N/mm ² in concrete on sandblasted surfaces
Heat Strength (°C)	150°C (to be requested)
Flash Point (°C)	55 °C
Application Temperature (°C)	10 °C – 35 °C
Application Apparatus	Brush, roller, steel spreading tool (trowel)
Thinning Rate	None
Mixture Life (20 °C)	30 minutes
Amount of Use m ² /kg	3,000 – 4,000 kg (double coat)
Drying Time (25 °C)	Initial Curing: 4-5 hours Second coat: 72 hours Curing Period: 7 days
Packaging	Component A: 2.5 kg Component B: 2.5 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

