

ZEEPAS 155

PRODUCT DESCRIPTION

ISOWEIR ZEEPAS 155 is a solvent-free epoxy resin based two-component primer that provides strong adhesion of solvent-free epoxy resin based repair and leveling mortars to cured new concrete or old concrete surfaces.

AREAS OF USE

Its solvent-free properties allow it to be used safely in confined spaces, water tanks, and areas where compliance with food and hygiene conditions is required, It provides surface strength reinforcement in the coating of corroded reinforced concrete reinforcements, dilatation edges, It is used as an adherence enhancer before repair mortars in the repair of large cracks in vertical and horizontal areas of structures (It should be used with recommended aggregates), Heavy-duty, resistant to severe conditions, primer before repair, patching, gap filling, In the repair of marine structures.

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.

Product Preparation and Application: The mixing ratio should be 15 kg of





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PAINT & INSULATION SYSTEMS

Component A and 5 kg of Component B by weight. Component A should be mixed with a low speed mixer until homogenized. Component B should then be added to 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. To minimize air entrainment (to avoid bubbles), mixing should not be done for too long and at high speed. If the product is to be used as repair mortar, the mixture should be completed by adding aggregate (recommended aggregates should be used) after mixing components A and B. Do not apply on wet, high humidity or frozen ground. After opening the package, ISOWEIR ZEEPAS 155 is homogenized by thorough mixing, preferably with a drill motor, and mixed with the second component at the specified ratio.

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 has high adhesion strength.
- ◆ It penetrates into capillary spaces in concrete and strengthens the structures.

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	Translucent dark cream
Gloss	Glossy
Appearance	-
Density (20 °C)	1,45 gr/cm ³ Thixotropic
Mixing Ratio (% Weight)	Component A 75% Component B 25%
Tensile Strength	DIN 53504 29
Elasticity Module	5000 N / mm ² - Mpa
Adhesion Strength (7 days)	For concrete > 3 N/mm ² Steel > 3.3 N/mm ²
Heat Strength (°C)	55 °C
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Steel spreading tool (Trowel)
Thinning Rate	None
Mixture Life (20 °C)	20 – 30 minutes
Amount of Use m ² /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 15 kg Component B 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 – CE

