

ZNR™ FIX EP 300 T / SL

Epoxy-Based Anchorage and Mounting Mortar

Product Description	Epoxy-based, two-component, high performance and solvent-free anchorage and mounting material that can be used horizontally and vertically.
Product Number	307 / 307-1
Public Works Item Number	04.613/8-e
Areas of Application	<ul style="list-style-type: none"> • For ironstone planting and anchorage works, • For filling of wide cracks (larger than 5 mm) for concrete repairs, • For mounting of metal profiles on concretes,
Characteristics /Advantages	<ul style="list-style-type: none"> • Thixotropic; suitable for overhead and vertical applications. • Can be used on dry and humid surfaces. Solvent-free. • Non-shrink. Provides early high resistance. • Very high chemical and mechanical abrasion strength. • Very easy-to-use,

Technical Data	
Color	Grey
Package	5.0 kg (A+B) sets
Density	~1.8 kg /cm ³ mix of A+B+C sets (at 23 °C)
Sagging Resistance	No sagging up to 10 mm of thickness for vertical applications.
Change in Volume	No change Non-shrink.
Consumption	~1.8 kg/m ² for 1 mm of thickness. You can obtain consumption table for anchorage applications.
Steel-Steel (MPa)	≥ 10 MPa
Ribbed Steel Bars (MPa)	≥ 11 MPa
Adhesion Strength of Concrete (MPa)	≥ 17
Steel-Steel T impact stripping length	≤ 25 mm
Non- volatile matter content (%)	% 99
Compressive Strength (MPa)	≥ 60 MPa
Splitting Tensile Strength (MPa)	≥ 8,5 MPa
Bending Strength (MPa)	≤ 50 MPa
Storage	Shelf life is approximately 1 year. Products should be stacked in a cool and dry place.

Surface Preparation	The application surface should be cleaned from loose parts, grease and other chemicals and should be crack-free, clean, dry and mildly humid. Make adherence test before application on humid surfaces.
Preparation Instructions	Firstly, stir component A mechanically before mixing. (with a 400 revolution/minute mixer). After adding Component B into Component A completely, mix for 2 minutes continuously until a homogenous mixture is obtained.
Application	For repair applications; thickness should not exceed 3 cm for each layer. General purpose adhering; Apply ZNR FIX EP 300 on both sides and do not move the parts until it fully dries. You can obtain consumption table for ironstone planting (anchorage applications) from our technical team.
General Matters	Abovementioned product data and descriptions are prepared for guiding purposes as a result of our experiences and diligent studies. We, individually, cannot control or affect the variety of the related materials and various construction and working conditions. Warranty is limited to only quality of the purchased material for the applications that are not under our control. No warranty is committed for application, but only for product manufacturing. This technical flyer overrides former flyers. Quality of the work may vary depending on how professionally the product is used. In case of hesitation, please perform a small test or ask for technical help.
Disposal	Empty packings can be disposed to collection bins according to regional/local regulations or recycling rules. Dispose used waste materials as construction waste materials after drying and hardening. It is dangerous to dispose by burning the product remnants.
Safety Information	Keep the products out of reach of children. Keep the lids of the products closed. It is recommended to use gloves and goggles during application. In case of contact with skin, wash immediately with soap. In case of contact with eyes, immediately consult a doctor. For more information, please refer to the material safety data sheet.