

# ERADUR<sup>®</sup> EPOXIBETONG 21

**Product type:** Two-component, solvent-free, unpigmented epoxy plastic.

**Application areas:** Binder for high filled epoxy use.

**Properties:**

- Epoxy plastic formulated for high form stability with a high cross-sectional degree.
- The glass conversion temperature is about 55 ° C without heat curing (post cure).
- Extremely good mechanical properties and good wetting on ballast and fiber.
- Optimized for strength and is prone to yellow/darkening over time.

Coatings made of ERADUR EPOXIBETONG have very good wear resistance and chemical resistance. Resistant to gasoline, oils, grease, salts, water, etc. Limited resistance to certain organic acids and strong solvents. The resistance to alkali and lye is good. It does not emit odors or flavors, is not flammable.

**Application temperature:** Application temp (floor temp): 10-25 °C.

**Pot life:** Pot life after mixing is approximately 30 min.

**Curing time:** 24-36 hours for pedestrians and lower loading  
5-10 days for complete curing and resistance.

**Mixing ratios:** 2 parts by weight of ERADUR EPOXIBETONG 21, Comp A (10 kg)  
1 part by weight of ERADUR EPOXIBETONG 21, Comp B (5 kg)  
Ca 75 kg natural sand(0,1-2,0mm)

*ERADUR is a two-component product, and an insufficient mixing will result in partially incomplete curing. Mix for several minutes with a machine just before the application, make sure that all material in the bottom and rim of the container is properly mixed.*

*Keep the exact mixing ratio between component A and B.  
All materials should preferably have ambient temperature before use.*

**Safety:** Wear safety goggles and protective clothing during mixing and application. Read the label and safety data sheet before using the product.

<b>Technical specification:</b>	Compressive strength	ca 110 N/mm <sup>2</sup> (with ballast)
	Flexural strength	ca 40 N/mm <sup>2</sup> (with ballast)
	Density	base: 1,15 gr/cm <sup>3</sup> hardener: 1,07 gr/cm <sup>3</sup> mixture: 1,12 gr/cm <sup>3</sup>
	Viscosity	about 1,7 Pa s
	Solid content	100%
	Gloss	Blank
	Shelf life	6 months in an unbroken container (> 15 °C).