

ERADUR® EPOXILIM 21

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| Product type: | Two-component, solvent-free, unpigmented epoxy plastic. | |
| Application areas: | Specially formulated primer for ERADUR® EPOXIBETONG. Primer for coatings exposed to extreme mechanical stress. Primer for coatings continuously exposed to temperatures up to about 50 °C | |
| Properties: | <ul style="list-style-type: none">• Exceptionally good mechanical properties (up to about 50 °C).• Provides significantly stronger support than conventional primers.• It yellows slightly more than traditional epoxy. <p>Very good adhesion to concrete and other mineral substrates. Coatings made with ERADUR® EPOXIPRIMER have exceptionally good adhesion to most hard substrates. (after appropriate pretreatment) It does not emit odors or flavors, is not flammable.</p> | |
| Application temperature: | Application temp (floor temp): 10-30 °C. At low temperatures there is a risk of surface disturbance due to of reaction with moisture dissolved carbon dioxide. | |
| Curing time: | 8-16 hours before the application of coating or painting. (Coating is applied within 16 hours to ensure good adhesion, alt. sprinkled with sand to ensure interlayer adhesion.) 5-7 days for complete curing and resistance. | |
| Mixing ratios: | 2 parts by weight of ERADUR EPOXILIM 21, Comp A (10 kg) 1 part by weight of ERADUR EPOXILIM 21, Comp B (5 kg) <i>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.</i> <i>Keep the exact mixing ratio between component A and B.</i> <i>All materials should preferably have ambient temperature before use.</i> | |
| Safety: | Wear safety goggles and protective clothing during mixing and application. Read the label and safety data sheet before using the product. | |
| Technical specification: | Compressive strength | ca. 110 N / mm ² |
| | Tensile strength | ca 70 N / mm ² |
| | E-module | ca 3600 N / mm ² |
| | Density | base: 1,12 gr/cm ³ Hardener: 1,02 gr/cm ³ mixture: 1,09 gr/cm ³ |
| | Viscosity, 25 °C | 1,0 Pa s |
| | Solid content | 100% |
| | Glossy | Blank |
| | Shelf life | 12 months unbroken packaging (15-20 °C) |