TECHNICAL DATA SHEET

ergo® 7810 (Epoxy-Repair-Stick ALUMINIUM)

Base: two-component - epoxy resin

Curing: at room temperature
        higher temperatures accelerate curing

Applications:
Especially made for aluminium applications, but also suitable for other metals, wood, concrete, ceramic, glass and a wide range of plastics

ergo® 7810 resists against oil, fuel, diesel, batterie-acid

Instructions for use:
For best results, surface should be dry, free of dust, grease and other contaminants

ergo® 9190 CLEANER is recommended for metallic and ergo® 9195 CLEANER for plastic surfaces.
Cut a sufficient amount of glue and knead it approx. 1 minute, until the colour is uniform.
Use it within 2 minutes. Even if you should not feel adhesion, please keep the glue under pressure. Remove excess (squeeze-out) of product.
In case of wet surfaces or usage under water keep it under pressure until you feel beginning strength
In order to get a flat and uniform surface, smooth it with wet fingers
Finally clean your hands carefully with water and soap.
Curing will start after 5 to 10 minutes
After 60 minutes already, the repaired parts may be used again

Chemical base: 2-component epoxy
Colour: aluminium grey
Density (25°C): 2,10 g/cm³
Thermal range: -40°C up to max. 150°C
Compressive strength: ~ 50 N/mm² (ASTM D-695)
Tensile strength: ~ 10 N/mm² (ASTM D-638)
Tensile shear strength: ~ 20 N/mm² (DIN EN 1465)
Modulus of elasticity: ~ 8 N/mm² (ASTM D-790)
Elektric resistance: 4,9 x 10¹⁴ Ohm cm
Fixture time: 5-8 minutes
Final strength: 3 hours
Hardness (Shore D): 80
Storage stability: min. 12 month

WARRANTY INFORMATION - PLEASE READ CAREFULLY
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