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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/cm ³
Thermal range	- 40°C up to max. 150°C
Compressive strength	~ 50 N/mm ² (ASTM D-695)
Tensile strength	~ 10 N/mm ² (ASTM D-638)
Tensile shear strength	~ 20 N/mm ² (DIN EN 1465)
Modulus of elasticity	~ 8 N/mm ² (ASTM D-790)
Elektric resistance	4,9 x 10 ¹⁴ 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

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.