

Description

Epoxy-based plastic putty designed for fast or emergency maintenance and repair. Ideal to fill and seal cracks in plumbing and installations, either in automotive or marine fields, to stop leakages of pipes, tanks, valves without disassembling.

Bonds most of materials: metals, ceramics, stones, concrete, wood, FRP and some rigid plastics.

Easy to use, can be manually mixed and applied (protect skin with PVC, PE or Nitrile gloves); cures at room temperature, machinable within 3-4 hours. Cures underwater within 24-48 hours.

Resistant to water, hydrocarbons, industrial fluids and heat.

Excellent resistance to UV light and moderate to solvents (preliminary testing to be carried out).

Physical properties

	Part A	Part B
Composition :	epoxy resin and mineral fillers	Mercaptane and mineral fillers mixture
Specific weight (g/ml) :	ab. 1.2 - 1.4	ab. 1.75 - 1.95
Shelf life :	2 years in original unopened packaging at +5°/+25°C	

Curing properties

Colour :	white and grey, once mixed homogeneous white
Consistence :	plastic putty
Handling time at +20°C :	5 - 7 min
Standard fixturing time :	15 min
Underwater fixturing time :	20 min
Shear strength (ASTM D-1002) :	4 - 6 N/mm ²
Load strength (ASTM D-695) :	43 - 84 N/mm ²
Hardness shore D (ASTM D 2240) :	75 - 85
Shrinkage :	< 1%
Application temperature :	from -5°C to + 60°C
Temp. strength :	+150°C with peaks at +200°C

Application fields:

- Metals and wood.
- Pipes, swimming-pools, electrical connections, fuel tanks, containers.
- Dents, grooves, holes on the hulls and glass fibre decks of boats
- Underwater repairs

Directions for use

Clean, degrease and roughen parts. Mix enough quantity of product until an uniform colour is obtained. Apply within 2-3 minutes, remove the excess and smooth surfaces by hands or tools.

To repair components and lines under pressure, use wood or metal plug/draft coated of product and force it for a few minutes. Cured product can be perforated polished, sanded, threaded, sandblasted and painted.

Storage

We recommend to store product in a cool and dry place at temperature non exceeding +20°C, protected from sunlight. For more information on applications, storage and handling contact Loxeal Technical Service

Safety and handling

Consult Material Safety Data Sheet before use.

Note

The data contained herein, obtained in Loxeal laboratories, are given for information only; if specifics are required, please contact Loxeal Technical Department. Loxeal ensures abiding quality of supplied products according to its own specifics. Loxeal cannot assume responsibility for the results obtained by others which methods are not under Loxeal control. It is user's responsibility to determine suitability for user's purpose of any product mentioned herein. Loxeal disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loxeal products. Loxeal specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.