

Preliminary
LOXEAL EPOSTIK

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

Composition	
Part A	: Epoxy resin and mineral fillers
Part B	: Mercaptan and mineral fillers mixture
Part A specific gravity (g/ml)	: 1,20 – 1,40
Part B specific gravity (g/ml)	: 1,75 – 1,95
Shelf life	: 24 months at +5°/+20°C in the original packaging

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 temp.:	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 the Safety Data Sheet before use.

Note

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