

Underwater Repair Putty

Product Description:

AMCON epoxy Underwater Repair Putty, is a fast – setting, fibreglass – reinforced polymer compound that enables permanent repairs to many surface including fiberglass, concrete, glass, metals, wood and many plastics. It is specially formulated to adhere to surface exposed to damp, wet or underwater (salt or fresh) conditions. Each handy stick contains pre-measured portions of activator and base throughout – no measuring or mixing tools are necessary.

AmCon epoxy Underwater Repair Putty, once cured it can be tapped, drilled, screwed, sawed, machined, ground, filed, or painted. It is non-rusting. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. It contains no solvents or VOC's. It's non – flammable and releases no noxious fumes. It won't shrink or pull away.

Physical Properties

Shelf Life @ 75° F, mths	24
Hardness, Shore D (full cure, 24 hrs.)	70
Lap Shear Tensile Strength	
On Steel	900
On Fibreglass	500
Compressive Strength, psi	12,000
Density (gm / cm ³ , lb / gal)	1.9, 15.8
Shrinkage (%)	< 1
Non – Volatile Content (%)	100
Electrical Resistance (megaohms)	30,000
Dielectric Strength (volts / mil)	300
Upper Temperature Limit	
Continuous (° F)	250
Intermittent (° F)	300

Chemical Resistance

Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

Cure Schedule

It has a work life of approximately 15 minutes. After 20-30 minutes it will harden and form a tenacious bond. Final cure occurs in 60 minutes.

Surface Preparation

Surface must be clean and free of oils and loose contamination.

For Best Results: Use damp fingers for easier mixing and application. Remove excess material before hardening begins.

Application

- 01) **Cut** or twist off required amount.
- 02) **Mix** by kneading with fingers to uniform color. If mixing is difficult, warm the putty to room temperature or slightly above.
- 03) **Apply** to surface to be repaired (within two minutes of mixing) Force into cracks or holes and strike off excess material, preferable with a tool wet with clean water.

When applying to a damp, wet or slowly leaking area work the material forcefully into the surface and apply pressure until adhesion begins to take effect.

WARNING

May cause irritation to sensitive skin. Wash hands with soap and water after use. May be harmful if swallowed. Eye irritant. In case of eye contact, flush with water. Contact physician. Keep out of reach of children. Not intended for use in structural applications. When sanding cured putty and substrate, use protective eye wear and dust mask.

Manufactured in: USA

Supplied by

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