

# Technical Data Sheet

## AS-2339 Aqua Putty



### Physical Properties

**Base:**

**Part A:** Epoxy resin

**Part B:** Polymercaptan hardener

**Appearance:**

Two-part cylindrical putty

**Odour:**

Sulphur-like

**Colour:**

White

**Storage:**

Store in a dry and cool place with temperature below 30 °C.

**Shelf life:**

24 months

**Application temperature:**

15 – 35 °C

**Packaging:**

Content	Quantity/ carton
50 gm	144 packs (12 packs / box)

### Description

A medium setting (30 minutes), fibreglass-reinforced polymer compound that enables permanent repairs to many surfaces including fibreglass, concrete, ceramic, glass, metals, wood and many plastics. Once cured, it can be drilled, screwed, machined, filled or painted. It will not rust, shrink or pull away. Resistant to water, temperature extremes and chemicals such as hydrocarbons, alcohols, esters, and dilute acids.

### Features

- ◆ Bonds in 30 minutes
- ◆ Works on wet surfaces
- ◆ Easy to use

### Applications

Specially formulated to adhere surfaces exposed to damp or underwater (salt or fresh) conditions. It is also suitable for water tanks, fish boxes, marine recreational equipment, battery cases, sinks, hot tubs, gutters, tanks, pools; to form custom gaskets. It can also repair fittings, pipes, electrical connections and leaking gaskets.

### Technical Data

Specific gravity	: Approx. 1.9 g/ml
Shore D hardness (ASTM D2240)	: 70
Single lap shear strength	
- Steel	: 6.2 N/mm <sup>2</sup>
- Fibreglass	: 3.5 N/mm <sup>2</sup>
Compressive strength	: 55 N/mm <sup>2</sup>
Electrical resistance	: 30,000 MΩ
Dielectric strength	: 300 V/mil
Working time	: 15 minutes (depending on adhesive amount and temperature)
Time to handling strength	: 4 hours
Time to full strength	: 24 hours

### Usage Instructions

**Mixing**

1. Cut or twist off the required amount.
2. Mix by kneading with fingers to a uniform white colour. Wet fingers are recommended to mix easier.
3. If the epoxy is too hard to knead, warm the epoxy to room temperature.

**Application**

1. Apply the epoxy putty onto the surface to be repaired within 10 minutes of mixing.
2. Force into any cracks or holes, then strike off preferably with a tool wet with clean water.

### Caution

Contains epoxy resin and triethylenetetramine. May produce an allergic reaction. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid breathing dust / fume / gas / mist / vapours / spray. Wear protective gloves / protective clothing / eye protection / face protection / hearing protection. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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