

Technical Data Sheet

AS-2339 Aqua Putty



Physical Properties

Base:

Part A: Epoxy resin
Part B: Polymercaptan hardener

Appearance:

Part A: Green paste
Part B: White paste

Odour:

Sulphur-like

Colour:

White paste

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 (15 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 15 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

Typical Uncured Properties

Specific gravity	: ~1.9 g/ml
Working time	: 10 minutes (depending on adhesive amount and temperature)
Time to full strength	: 24 hours
Temperature limitations	: 120 °C (continuously)
Non-volatile content	: 100%

Typical Cured Properties

Shore D hardness (1 day)	: 75-85
Single lap shear strength - Steel	: 5.5 – 6.9 N/mm
Compressive strength	: 45.9 – 82.7 N/mm ²
Electrical resistance	: 30,000 MΩ
Dielectric strength	: 300 V/mil

Usage Instructions

1. Before applying, roughen and clean the area to be repaired.
2. Cut or twist off required amount.
3. Mix by kneading with fingers to a uniform colour. If mixing is difficult, warm the epoxy putty to room temperature or slightly above, or use damp fingers for easier mixing and application.
4. As the epoxy putty is mixed, the two contrasting colours blend into one colour to indicate complete mixing.
5. Apply to surface to be repaired (within 10 minutes of mixing).
6. Force into any cracks or holes and strike off excess material before hardening begins, preferable with a tool wet with clean water.
7. 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.
8. In immersed applications the AS-2339 cure rate is dependent upon the temperature of the water just as it is affected by the air temperature in non-immersed applications. The lower the temperature the longer it takes to cure

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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