

KNEAD-IT® MULTI PURPOSE



Description

KNEAD-IT MULTI PURPOSE is a hand kneadable, fast setting, co-extruded epoxy repair system that can be used to rebuild, reshape, or repair a multitude of things. It comes in a handy roll form, with the grey hardener encapsulated in the off-white resin part, and it hardens in 5-10 minutes, after mixing.

Uses

- Repair and replacement - timber, metal, masonry, many plastics, ceramics.
- Mending - toys, appliances, lawn mowers, sports equipment etc.
- Sealing - leaks in gutters and downpipes.
- Patching - chipped concrete, floors, bricks, blocks etc.
- Attaching - fixtures, machine tags, signs etc.
- Anchoring - bolts, screws, housings etc.
- Moulding - to reform-reshape damaged timber, metal, masonry, plastics, ceramics.
- Balancing - table legs etc.

Technical Features

- ▶ Will not sag, run or drip
- ▶ Easy to use - no mess
- ▶ Reshapes, rebuilds, repairs many surfaces
- ▶ Can be used on metal, timber, concrete, ceramics, any plastics, glass
- ▶ Can be drilled, sawed, sanded, filed, tapped, machined or painted one hour after mixing
- ▶ Good adhesive strength
- ▶ Good gap filling properties
- ▶ Heat resistant to 120°C
- ▶ Excellent anchoring properties
- ▶ Can be used under water
- ▶ Suitable for contact with drinking water. Complies with AS/NZS 4020: 2005

Application Tips

- ▶ Not recommended for filling or sealing joints/cracks subject to movement as the cured product is extremely hard and inflexible
- ▶ Does not adhere to polyethylene, polypropylene or Polytetrafluoroethylene (Teflon®)
- ▶ Pot life (working life) decreases above 20°C
- ▶ Set time increases at temperatures below 20°C

Technical Details and Performance

Indicative information only, not to be used for setting specifications.

Shelf Life	▶ KNEAD - IT MULTI PURPOSE may be stored unopened for approx. 18 months
Working Life	▶ 3 - 5 minutes
Curing time	▶ 10 minutes for initial hardening. (typical @ 25°C). 60 minutes before it can be sanded, drilled, machined, filed, sawed or painted.
Shore D Hardness	▶ 70 - 80 (after 24 hours cure at 25°C)
Lap Shear Tensile	▶ 4500 - 6000kPa (on steel 25mm x 25mm x 1mm)
Compressive Strength	▶ Minimum 80,000kPa, after 24hours cure at 25°C
Chemical Resistance	▶ Resistant to hydro - carbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases
Electrical Resistance	▶ 30,000 megohms (ASTM D257)
Dielectric Strength	▶ 11800 volts/mil. (ASTM D149)
Shrinkage	▶ Less than 1%
Non Volatile Content	▶ 100%
Upper Temperature limit	▶ Continuous (°C) 120 Intermittent (°C) 140

PRODUCT CODE	SIZE & PACK TYPE	COLOUR
9300697109491	110g roll	Light grey when hard

For additional information including Material Safety Data Sheets visit www.selleys.com.au. To obtain more detailed technical, usage and safety information including Technical Data Sheets phone Selleys on 1300 555 205.

IF IT'S SELLEYS IT WORKS