

# PRATLEY®



## Instruction Leaflet for "PRATLEY PUTTY" ORIGINAL (STANDARD SETTING)

### CONGRATULATIONS

The product you have purchased is from a range of the world's most advanced adhesives and sealants manufactured and marketed by Pratley.

### GENERAL: - This product went to the moon.

Pratley Putty - "Original formula" (Standard Setting) is a slightly water soluble (before it cures) hand mouldable high performance putty-like adhesive. It is ideal for use under water but can also be used for filling, sealing, building up and bonding almost any rigid material.

### PROPERTIES:

- Sets under water.
- Can be smoothed and shaped with a wet finger or spatula.
- Excellent adhesive strength.
- Bonds well to most rigid materials.
- Can be filed, sawn, drilled and machined.
- Sets slowly - ideal for larger jobs.
- Hard and abrasion resistant
- Good shelf life.

### TIME TO SET: (Temperature & quantity dependant)

- Will gel in about 50 minutes (room temperature).
- Will set hard in 4 hours.
- Full strength in 48 hours.

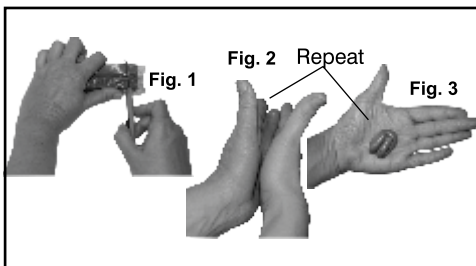
### SURFACE PREPARATION:

Surfaces to be bonded should be free from loose dirt, rust, paint, oil and grease. Wire brushing or sanding will substantially enhance adhesion to smooth surfaces.

### APPLICATION PROCEDURE:

1. With the wrappings intact, cut **equal** pieces from each stick. Use a very sharp knife (Fig. 1).
2. Remove wrappings and roll the pieces together into a sausage (Fig. 2).
3. Roll sausage into a ball.
4. Repeat steps 2 and 3 until an even colour is achieved with no streaks (Fig. 3).
5. Wash stickiness from hands.
6. Forcefully wipe and knead the mixed Pratley Putty firmly onto the application surfaces, thereby thoroughly wetting them with resin. This ensures a good bond.
7. Apply the putty working it firmly (kneading) into place. Build up with further layers as necessary.
8. Remove all excess putty and wipe off surrounding surfaces with a damp cloth.
9. Pratley Putty may be made to set smooth by stroking gently with wet fingers.

**NOTE:** For under water use, mix first then quickly take mixed product under water in a plastic bag.



### SOME SUGGESTED USES:

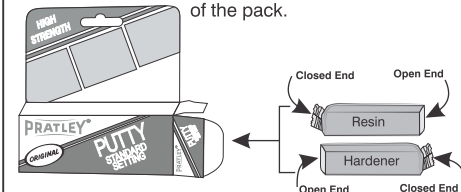
1. Repair cracked concrete swimming pools (substrate must be coherent).
2. Seal metal water tanks and gutters.
3. Mend chipped and broken washbasins.
4. Seal around sink and basin outlets.
5. Seal metal petrol tanks and fuel lines.
6. Emergency repairs to metal work.
7. Fix cement garden furniture.
8. Mend broken electrical insulators.

### NOT RECOMMENDED FOR:

- Bonding of rearview mirrors to windscreens.
- Exhaust pipes (Due to high temperature)
- Polypropylene & Polyethylene Plastics
- Continuous use > 110°C

**NOTE:** Should the sticks be hard due to prolonged storage in a cold place, gentle warming should restore them to their original consistency.

**TIPS:** For increased shelf life after use, place open ends of the resin and hardener sticks at opposite ends of the pack.



### DID YOU KNOW?

- Pratley Putty is the only South African manufactured product on the Moon!
- The Pratley Company invented epoxy putty!
- The compressive strength of Pratley Putty exceeds that of concrete!
- The intake penstocks of the mighty turbines in the Kariba Dam were repaired with Pratley Putty!
- Pratley Putty (original) has been used to float sunken ships as well as repair boats at sea!
- A Green turtle had a damaged shell that was repaired with Pratley Putty!
- Researchers stuck radio transmitters with Pratley Putty to the scales of Pangolins whilst studying them in the wild!

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