

# PRATLEY®

## Instruction Leaflet for PRATLEY STEEL PUTTY

**POLICY STATEMENT**  
"It is Pratley policy to manufacture and market products, the performance of which, must at all times exceed that of any other directly competing product on the World Market!"  
We invite you to put this statement to the test!"  
K.G.M. Pratley  
CEO

### CONGRATULATIONS!

The product you have purchased is from a range of the most advanced adhesives and sealants in the world - researched, manufactured and marketed by Pratley.

### GENERAL:

Pratley Steel Putty is an exceptionally high strength, hand mouldable, putty-like adhesive. Mixing equal proportions of the resin and hardener supplied in the form of sticks yields a highly versatile, medium speed putty with a 1001 uses.

### PROPERTIES:

- Very high strength.
- Medium speed cure.
- Can be shaped and moulded.
- Adheres to most rigid materials.
- Once set can be sawn, filed, machined, sanded.
- Accepts paint.
- Good electrical insulator.
- Will set under water.
- Withstands most chemicals, mild acids, oil, petrol, etc.
- Can be smoothed and shaped with a wet finger or spatula.

### TIME TO SET:

- Sets hard in  $\pm$  40 minutes (at 25°C).
- Should be applied within 15 minutes of mixing.
- Reaches 70% strength in  $\pm$  6 hours.
- Reaches full strength in  $\pm$  24 hours.

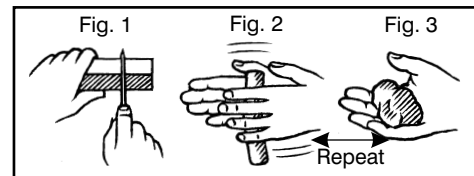
### SURFACE PREPARATION:

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

### MIXING PROCEDURE:

1. Place the sticks side by side and **without removing** the wrapping. Simultaneously cut **equal amounts** off each stick with a sharp knife (**Fig. 1**).
2. Remove wrapping from cut parts.
3. Roll both parts together in the hands, forming a 'sausage' (**Fig. 2**).
4. Roll the 'sausage' into a ball and roll out again as a 'sausage' (**Fig. 3**).
5. Repeat this operation until all streaks have disappeared. (**Thorough mixing is essential**).
6. Apply by dabbing and wiping onto the application surfaces.
7. Build up the shape as necessary.

**NOTE:** Pratley Steel Putty should be applied in thick section (not less than 3 mm (1/8") for maximum strength).



### SOME SUGGESTED USES:

1. Seal metal water tanks and cracked motor car sumps.
2. Repair metal castings
3. Replace broken handles and knobs on utensils..
4. Repair ceramic fuse holders and insulators.
5. Repair car radiators and leaking petrol tanks.
6. Mend garden implements and metal watering cans.
7. Re-fit loose screws in walls.
8. Make your own models and sculptures.

### NOT RECOMMENDED FOR:

- Bonding of rearview mirrors to windscreens.
- Very high temperature above 120°C continuous (e.g. exhaust pipes).
- Flexible materials.

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

### SOME OTHER PRODUCTS IN THE PRATLEY RANGE:

#### PRATLEY PUTTY (STANDARD)

Exceptional strength and easy to use under water. Can be smoothed to a glossy finish.

#### PRATLEY PUTTY (QUICKSET)

High strength hand mouldable putty-like quicksetting adhesive.

#### PRATLEY QUICKSET WHITE AND CLEAR GLUES

For high strength bonding and repairing of rigid materials.

#### PRATLEY 1-2-3

For quick repairs and bonding when parts are close fitting.

#### PRATLEY STEEL

For quick metal mending where strength and colour is important.

#### PRATLEY WONDAFIX

A unique (patented) high strength, high toughness flexible repair system.

#### PRATLEY FLEXISEAL

A permanently flexible caulk type sealer for joints and cracks.

#### PRATLEY "PRATLOK"

A full range of ultra high quality (anaerobic) thread locking adhesives.

#### PRATLEY EZEEBOND

High performance toughened acrylic adhesive.

#### PRATLEY SUPERGLUE

The best in its class.

#### PRATLEY "KRAFTEX" RANGE (FOR DECOUPAGE)

A range comprising: Ultra high gloss coatings, crack effects, antique cracks, sealcoat and varnish.

see: [www.kraftex.co.za](http://www.kraftex.co.za)

**Note:** Some of the above are available in larger industrial packs.

\* As product is used outside our control, we cannot accept liability for any possible failures.

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