

Installation Instructions For

Disaster Preparedness Signs

Pole Mounted

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Disaster Preparedness Installation Instructions

Pole Mounted

Tools

Hammer
Hand Saw
Shovel
Water Level Bar
Measuring Tape
Wrench
Hand Drill with 5/16" bit
Welding machine
Welding gloves
Welding mask/goggles

Materials

5kg Dry Cement
Galvanized Iron (GI) Pipe 7ft length x 2" diameter (1 pc)
1" Bolt & Nut (4 pcs)
3" Conduit Metal Clamp Double Hole (2 pcs)
10mm Corrugated Bar x 1ft (1pc)
2" x 2" Lumber (good quality) x 4ft
2" Regular Wood Nails (16 pcs)
2" x 2" Plywood (4 pcs)
Welding rod (1pc)

Step 1. Preparing the Pipe

- Cut the 1 foot long corrugated bar into two equal pieces.
- Wearing protective gloves and eye protection weld the pieces on opposite sides of the Galvanised Iron (GI) pipe, approximately 10 – 15cm from the base.

Step 2. Preparing the Ground

- Fabricate a square cement base (2ft x 2ft approximately) using the 4 pieces of plywood.
- Stabilise the base using pieces of lumber.
- Dig a hole approximately 4 inches in diameter and 1 foot deep.
- Mix cement and pour into the hole.
- Level off.



- Place wooden cement base centrally over the hole
- Half fill base with cement



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Step 3. Drilling Holes in Sign

- Place the sign face down.
- Using measuring tape mark centre of sign at top and bottom.
- Place each metal clamp centrally over the top and bottom of the sign marking where the holes are.
- Remove clamps and drill the 4 holes in the sign.



Step 4. Fitting the Sign to the Pipe

- Centralise the sign to the top of the pipe.
- Secure with clamp, bolts and nuts to the pipe.



Step 5. Setting Pipe into Cement

- Insert Galvanised Iron (GI) Pipe into centre of cement base so that the pipe sits in the hole.
- Ensure the pipe is standing straight.
- Fill base with cement.
- Allow 24 hours for the cement base to dry and harden.



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- Check alignment using a water level bar.
- Once aligned, tighten firmly.



- Once cement is completely hardened, remove plywood base



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