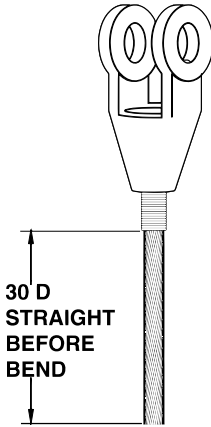


**STEP 5 – POSITIONING OF SOCKET**

1. Position socket over the broom until it reaches the seizing on the wire rope. The wires should be **LEVEL** with the top of the socket basket.
2. Clamp rope and socket vertically ensuring alignment of their axes.
3. **CAUTION: DO NOT USE OVERSIZED SOCKETS FOR WIRE ROPE.**



**STEP 6 – SEAL SOCKET**

Seal the base of the socket with putty or plasticine to prevent leakage of the **WIRELOCK®**.



**STEP 7 – WIRELOCK® KITS**

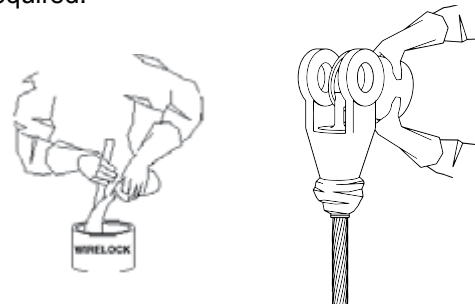
1. **WIRELOCK®** kits are pre-measured and consist of two (2) containers – one (1) with resin and one (1) with granular compound.
2. Use the complete kit – **NEVER MIX LESS THAN THE TOTAL CONTENTS OF BOTH CONTAINERS.**
3. Each kit has a shelf life clearly marked on each container and this must be observed. **NEVER USE OUT-OF-DATE KITS.**

**CAUTION**

- **WIRELOCK®** resin, in liquid state, is flammable.
- Chemicals used in this product can give off toxic fumes and can burn eyes and skin.
- Never use out-of-date material.
- Use only in well-ventilated work areas.
- Never breathe fumes directly or for extended time.
- Always wear safety glasses to protect eyes.
- Always wear gloves to protect hands.
- Avoid direct contact with skin anywhere.

**STEP 8 – MIXING AND POURING**

1. Mix and pour **WIRELOCK®** within the temperature range of 48° to 110° F. Booster kits are available for reduced temperatures.
2. Wirelock is set up to gel in 20 minutes at 65° F. For every 18° F rise in temperature the gel time will halve. At 83° F the gel time will be 10 minutes and at 101° F it will be 5 minutes. To give extra working time of pot life it is worth considering refrigerating the kits for two hours prior to mixing and pouring. The socket should also be as cool as possible - out of direct sunlight, as an example.
3. Pour all the resin into a container containing all the granular compound and mix thoroughly for two (2) minutes with a flat paddle.
4. The **WIRELOCK®** will turn a green blue color. If it does not turn a green blue after mixing, **DO NOT USE.**
5. Immediately after mixing, slowly pour the mixture down one side of the socket until the socket basket is full.
6. Check for leakage at nose of socket, add putty if required.



**STEP 9 – CURING**

1. **WIRELOCK®** will gel in approximately 20 minutes, in a temperature range 65° F (18° C) to 75° F (24° C).
2. The socket must remain undisturbed in the vertical position for an additional ten (10) minutes after gel is complete.
3. The socket will be ready for service 60 minutes after gelling.
4. Never heat sockets to accelerate gel or curing.



**STEP 10 – RE-LUBRICATION**

Re-lubricate wire rope as required.

**STEP 11 – PROOF LOADING**

Whenever possible, the assembly should be proof loaded. In accordance with ASME B30.9.

**ALTERNATE SEIZING AND BROOMING METHOD**

Reference the **Wire Rope End Terminations User's Manual** from Crosby for an alternative socketing method.