



## **ULTRA-GUARDRAIL FABRICATION AND INSTALLATION INSTRUCTIONS**

**PRODUCT DESCRIPTION**—The Ultra-GuardRail system is designed to use PVC socket fittings that are bonded to the outside of the rail with rapid setting PVC adhesive. Weld-On PVC 705 medium bodied, clear plastic pipe cement is recommended for this purpose.

Joining rails and posts is fast and simple. The following assembly instructions are based on extensive experience and testing and will make strong joints if carefully followed.

**TOOLS** - Saws (hand or power), miter box, non-synthetic rags, knife or rasp, solvent with dauber (if dauber is not supplied, use natural brush equal to 2/3 of the diameter of the post or rail being installed).



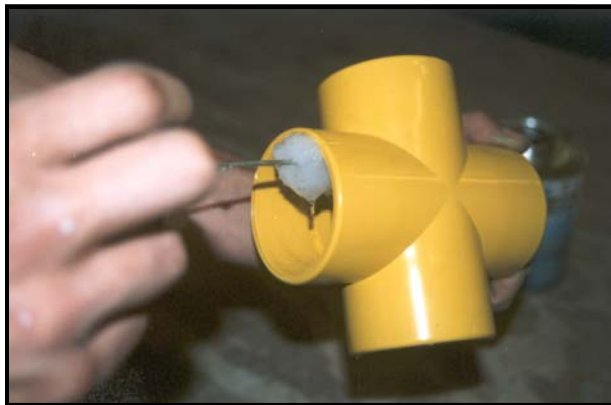
**CUTTING** - Posts and rails can be easily cut with a common handsaw or power saw. Cuts should be as square as possible (suggest using a miter box) to maximize bonding surface.

**REMOVAL OF BURRS** - After cutting, burrs must be removed. Burr removal is easily done with a pocketknife or rasp.



**CLEANING** - Surfaces to be joined must be wiped completely free of all foreign matter with a clean dry cloth.

**CEMENT APPLICATION** -  
Apply a liberal coat of cement evenly around the end of the rail to a length equal to the fitting depth.



Apply a light coat of cement into the fitting bell end.

Cement application should be done rapidly and without interruption. Simply insert rail into the fitting until it bottoms out.



Before joint is set, wipe off any excess cement with a cotton rag or paper towel.

**NOTE: DO NOT ATTEMPT TO SOLVENT WELD WET SURFACES.  
CLOSE CONTAINER AFTER EACH USE.**