

**Boundary high security fencing is made in two styles - the Sentinel style and the Centurion style. This new system is available in heights up to 15 ft. and 6'8" wide panels. The system consists of posts and panels and is modular. No welding is required in the field.**

**Fabrication:**

**A - Pickets** are 2-1/2" wide and are roll formed with grooves for additional rigidity and strength. The Sentinel and the Sentinel Plus styles have a triple pointed spear at top. The Centurion and Centurion Plus styles have a square top. Space between pickets is 3-1/2" on bottom and 2-1/2" on top for the Sentinel style. Space between pickets is 3-1/2" for the Centurion style. Picket material is 10 gauge, hot rolled with a deflection not to exceed 3/8" when a point load of 562 pounds is applied in the center of a 24" span. Minimum tensile strength is 50,000 PSI yield, with a 40,000 PSI. Pickets are welded with 8" of weld per picket to two 2" x 2" x 1/4" horizontal steel angles. 2" x 2" angle brackets are secured to the web of the post with 3/8" stainless steel carriage bolts and break away tamper resistant aluminum nuts. All sections can be ordered racked for uneven terrain with break away tamper resistant aluminum nuts. Both styles can be ordered for underground installation to prevent entering or leaving the secured area. Other options are the Sentinel and Centurion Plus which have a 3/4 - 9 - 11 expanded metal welded in the back for additional security.

**B - Fence posts** are 4" "I" beams weighing 7.7 lbs per ft., with prepunched slotted holes in the web for the rail bracket supports. Post should be set 3 ft. in the ground. For surface mounting, we can supply an 8" x 8" x 5/8" base plate with four 3/4" clearance holes.

**C - Gates** are available both swinging and rolling type.

**D - Finish** - 3 finishes are available

**1.** In galvanized steel with a G90 zinc content (.90 oz./ft.), then powder coated with a 2-3 mil bonded polyester powder. Standard colors are: Black, Chocolate, Ensor Green, Olive Green, and White. Also available at additional cost are: Blond Sand, Bronze, Gray, Red, Redwood, Safety Yellow, Vanilla, Wedgewood Blue, plus other special colors. Components shall go through a three stage wash, then primed prior to a factory finish with a thermo setting of polyester powder and bonded at 450°-500° for 12-14 minutes.

**2.** All members are hot dipped galvanized after fabrication with a zinc coating of 1.50 oz./ft. and left as they are.

**3.** Hot dipped galvanized after fabrication and welding, then powder coated as in paragraph #1 above.