

## **DESIGNER SPECIFICATION**

### **SECTION 13 11 00**

### **SWIMMING POOLS**

#### **Perimeter Lane Line Anchor Unit**

The lane line anchor unit 12" (*14" 16"*) x 2" wide, must be non-corrosive and not require bonding. The unit shall be formed of two molded PVC sections, certified ANSI/NSF/CAN 50-2020 (Section 22.3), that are UV stabilized, these sections are a top opening flip-up grate hatch section connected to a base unit section with a 316SS pin. The grate on the top opening flip-up grate hatch section shall have a raised herringbone design and certified to AS 4586-2013 Class C for Wet-Barefoot inclining platform (ramp) test for swimming pool surroundings. Grate sections shall be 0.47" (12mm) wide and an outside depth of 1.0" (25.4mm) with a middle depth of 1.83" (46.6mm) for load strength requirements. The space between grate bars shall not exceed 0.315" (8mm) to comply with ANSI/APSP/ICC-16 2017 (and BS EN 13451) for finger and limb entrapment. The grate surface bars shall run parallel to the pool wall and with the gap providing at least 40% open space per foot for unrestricted water flow.

The lane line anchor unit shall include a lane line extension constructed of a SS braided strap covered with silicon that is flexible and can be stowed within the unit and is capable of extending beyond the unit to connect to the pool lane line S-hook that is 8" (*13"*) long.

The lane line anchor unit shall be tested to a load pull test of 1,200lb minimum based on 2500 psi concrete pour.

The lane line anchor unit shall be secured in a perimeter concrete gutter system with SS-316 drop-in anchors and socket head cap screws as provided by the manufacturer.

The lane line anchor unit shall be designed to minimize the use of metallic substances thus avoiding the requirement of electrical bonding as per NEC 680.26 (c);

Lane Line Anchor unit shall be DalFLEX-12 (*or DalFLEX-14 or DalFLEX-16*).

Color: white only.

As manufactured and supplied by Daldorado LLC. Ph: (888) 509-8128.

No Known Equal.