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RESEARCH REPORT: RR 25987  
(CSI 32 31 00)

Expires: November 1, 2025  
Issued Date: December 1, 2023  
Code: 2023 LABC

## **GENERAL APPROVAL – Renewal - All-Safe Safety Mesh Pool Fencing**

### **DETAILS:**

The All-Safe Safety Mesh Pool Fencing, manufactured by Sunwest Industries Inc., for use as a swimming pool safety barrier, is a fixed 60 inch fencing system using a vinyl coated polyester mesh pool fence system. The system is fixed by securing 6063 tempered aluminum alloy fence poles to Akulon® glass-fiber reinforced polyamide concrete sleeves at a spacing not exceeding 36 inches o.c. and no more than 2-½” at section breaks as described in the provided installation guide. The locking sleeve requires a 1- ¼” diameter hole in the deck that is 4 inches deep, and is attached to the deck using ITW Buildex Tapcon® Stainless Steel Screw Anchors (ESR-3699).

Access to the pool area is through a self-closing, self-latching and lockable MagnaLatch Safety Gate Latch manufactured by D & D Technologies (as shown on attachment labeled EXHIBIT 2). The gate uses a Magna Latch magnetically operated latch and is key lockable. The Tru-Close Hinges are tension adjustable with internal stainless steel springs manufactured by D & D Technologies.

### **The approval is subject to the following conditions:**

1. Fencing shall only be used with permanent mounting devices with embedment as shown on the attached detail labeled EXHIBIT 1.
2. Fencing shall be permanently installed and shall not be moved. Moveable fencing used to meet the private swimming pool barrier requirements is not allowed as it is a violation of permanent barrier requirements specified in Section 3109.4.1 of the Los Angeles Building Code.

## DISCUSSION

This report is in conformance with the 2023 Los Angeles Building Code.

Approval is based on testing in accordance with ASTM F 2286-05 and by demonstrating that the pool enclosure can be installed in a permanent manner.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspect

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Attachment: Exhibit 1 and Exhibit 2 (2 pages)