

# CITY OF LOS ANGELES

CALIFORNIA



ERIC GARCETTI  
MAYOR

BOARD OF  
**BUILDING AND SAFETY  
COMMISSIONERS**

VAN AMBATIELOS  
PRESIDENT

E. FELICIA BRANNON  
VICE PRESIDENT

JOSELYN GEAGA-ROSENTHAL  
GEORGE HOVAGUIMIAN  
JAVIER NUNEZ

DEPARTMENT OF  
**BUILDING AND SAFETY**  
201 NORTH FIGUEROA STREET  
LOS ANGELES, CA 90012

FRANK M. BUSH  
GENERAL MANAGER  
SUPERINTENDENT OF BUILDING

OSAMA YOUNAN, P.E.  
EXECUTIVE OFFICER

Poolsafe  
3618 E. Newby Street  
Nampa, ID 83687

Attn: Tom Callahan  
(208) 258-3398

RESEARCH REPORT: RR 26039

Expires: May 01, 2021  
Issued Date: May 01, 2019  
Code: 2017 LABC

## **GENERAL APPROVAL** – Renewal - Poolsafe Safety Mesh Pool Fencing

### **DETAILS:**

The Poolsafe Mesh Pool Fencing, for use as a swimming pool safety barrier, is a fixed 5'-0" high fencing system using a vinyl or PVC coated polyester mesh pool fence system. Poolsafe Fences are made using 1" aluminum alloy poles that incorporate a Steelcore design, which reduces the 1" aluminum pole to a 1/2" solid stainless steel pin. The deck is prepared to receive the pole using 5/8" diameter holes with 4" embedment. Deck thickness must be verified to ensure adequate anchor embedment as determined by Poolsafe. A high-density polyethylene or nylon sleeve is placed in the hole to receive the 1/2" stainless steel pin. Each pole is secured to the deck using a 1" x 1" x 1/2" x 1/16" aluminum or stainless clip, which is attached to the pole and the deck. The clip is attached to the poles with a #10 x 1/2" stainless steel screw and attached to the deck using ITW Buildex Tapcon+ screw anchors, 1/4" diameter by 2" embedment (ESR-3699).

Access to the pool area is through a Poolsafe Fence system self-closing, self-latching and key-locking patented gate. The gate uses a Magna-Latch magnetically operated device that is key-lockable. The gate is secured to the deck by installing a tri-truss, which is secured to the deck using the same method as used with the fence.

### **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.

RR 26039  
Page 1 of 2

Poolsafe

RE: Safety Mesh Pool Fencing

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 91.3109.4.1 of the Los Angeles City Municipal Code.

## **DISCUSSION**

This report is in conformance with the 2017 Los Angeles City 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

---

DAVID CHANG, Chief  
Engineering Research Section  
201 N. Figueroa St., Room 880  
Los Angeles, CA 90012  
Phone- 213-202-9812  
Fax- 213-202-9943

BKR  
RR26039  
TLB1900090  
R04/23/2019  
3109.4

Attachment: Exhibit 1- Permanent Fence Pole Attachment Detail (1page)