

# CITY OF LOS ANGELES

CALIFORNIA



KAREN BASS  
MAYOR

BOARD OF  
**BUILDING AND SAFETY  
COMMISSIONERS**

JAVIER NUNEZ  
PRESIDENT

JOSELYN GEAGA-ROSENTHAL  
VICE PRESIDENT

JACOB STEVENS  
MOISES ROSALES  
NANCY YAP

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

OSAMA YOUNAN, P.E.  
GENERAL MANAGER  
SUPERINTENDENT OF BUILDING

JOHN WEIGHT  
EXECUTIVE OFFICER

Kevin L. Birchmeier  
TOPP Industries, Inc.  
Hwy 25 North, P.O. Box 420  
Rochester, IN 46975

RESEARCH REPORT: RR 5311  
EFFECTIVE DATE: 4/01/2023  
EXPIRATION DATE: 4/01/2024  
Telephone: 574-223-3681

**GENERAL APPROVAL – Renewal** – Round Fiberglass Sump Basins manufactures by TOPP Industries, Inc. See attached list of approved models.

## DETAILS

These products are round sump basins constructed of fiberglass. They are available in various diameters and depths. The metal covers, secured by a flange and bolts, are made for single or twin pump mountings, and a vent connection. Cast iron caulking hubs as well as stainless steel or enamel coated pipe couplings are available as side inlets. 3M Windo-Weld Ribbon Sealer applied between the metal cover and basin provides a water-tight joint and enables the sump basin assembly to meet the 10-foot head pressure test per Section 94.712.2 of the Los Angeles Plumbing Code (LAPC), 2023 Edition.

The approval is subject to the following conditions:

1. These sumps may be installed only in plumbing draining systems, such as DWV, rainwater and subsurface drainage.
2. These sumps shall be adequately restrained where the ground water level may cause flotation.
3. Pumps shall not rest on the bottom of the basin unless the bottom is supported on an adequate, level concrete base.
4. Access, as required by the Los Angeles Electrical Code, shall be provided for maintenance and repair of any electrical equipment.
5. Where any portion of the pump is located within 10 feet of a property line, bearing wall, or the toe of a slope which exceeds four feet in vertical height, the location and size of each installation shall be indicated on plans approved by the Building Plan Check Section of the Permit and Engineering Bureau.

RR 5311  
Page 1 of 3

TOPP Industries, Inc.  
RE: Fiberglass Sump Basins

6. When located within a building, the sump shall be buried in the ground or encased in a minimum of 4 inches of concrete.
7. Only the 3M Windo-Weld Ribbon Sealer shall be used between the metal cover and the basin.
8. Each sump shall be marked with a permanent label attached to the sump showing the manufacturer's name, "TOPP Industries, Inc." and the appropriate model number where visible for inspection purposes.

## **DISCUSSION**

The Mechanical Testing Laboratory reviewed recent test reports. These products have been tested in accordance with Standard IAPMO PS 52. The material and construction are equivalent to that prescribed by the Los Angeles Municipal Code on quality, strength, effectiveness, durability and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

This approval is granted under Sections 94.301.0, 94.710.7, 94.710.8, 94.710.9, 94.710.10, and 94.712.2 of the Los Angeles Plumbing Code, 2023 Edition and Section 91.2613.0 of the Los Angeles Building Code, 2023 Edition.

Approved by:

Irene Pool  
Mechanical Testing Laboratory  
Permit and Engineering Bureau

TOPP Industries, Inc.  
RE: Fiberglass Sump Basins

**TOPP INDUSTRIES, INC.**  
**RR-5311**

**LIST OF APPROVED MODELS (With suffixes ###, F and S):**

BASIN	COVERS
FB18X###	C18---
FB24X###	C24---
FB30X###	C30---
FB36X###	C36---
FB42X###	C42---
FB48X###	C48---
FB60X###	C60---
FB72X###	C72---
FB96X###	C96---
FB120X###	C120---

LEGEND:

### = Basin Depth, in inches  
F = Fiberglass Anti-Flotation Flange  
S = Steel  
SS = Simplex Steel  
SSV = Simplex with side vent  
--- = Basin Cover  
WSL = Light Duty Solid Steel  
WSH = Heavy Duty Solid Steel  
WP = Solid Polypropylene  
SP = Simplex Polypropylene  
SSL = Light Duty Simplex  
SSH = Heavy Duty Simplex  
WF = Solid Fiberglass  
SSA = Simplex Steel with pump access  
DSA = Duplex Steel  
HSF = Fiberglass Hatch Cover  
HSS = Steel Hatch  
HSA = Aluminum Hatch  
WS = Solid Steel