



ICC-ES Listing Report ESL-1129

Reissued March 2024

This listing is subject to renewal March 2025.

CSI: DIVISION: 03 00 00—CONCRETE
Section: 03 11 00—Concrete Forming

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: EXTRUTECH FORM – MODEL P824

Listee: EPI 04 INC. DBA EXTRUTECH PLASTICS INC.

Evaluation: Extrutech Form - Model P824 is used as stay-in-place formwork for plain and reinforced concrete load-bearing and non-load-bearing wall. The Model P824 formwork is manufactured by a co-extrusion process, from a rigid polymer-based composite material of proprietary blend and was evaluated when tested at a nominal thickness of 0.125-inch (3.18 mm) to the following standards:

- ASTM E84-16 and ASTM E84-2013a, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
- UL 723-2008 (with Revisions through August 2013) and UL 723-2008 (with Revisions through September 2010), Standard for Test for Surface Burning Characteristics for Building Materials, Underwriters Laboratories, Inc.

Findings: Extrutech Form - Model P824 has a flame-spread index and smoke-developed index as specified in Table 1 below based on testing in accordance with ASTM E84 / UL 723, as referenced in the applicable sections of the following code editions below.

TABLE 1—FLAME-SPREAD INDEX AND SMOKE-DEVELOPED INDEX

PRODUCT	FLAME-SPREAD INDEX (FSI)	SMOKE-DEVELOPED INDEX (SDI)
Extrutech Form - Model P824	15	400

- 2018 *International Building Code*®
Applicable Section: 803.1.2
- 2015 *International Building Code*®
Applicable Section: 803.1.1
- 2018 and 2015 *International Residential Code*®
Applicable Section: R302.9
- 2019 *California Building Code*®
Applicable Section: 803.1.2

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- 2019 *California Residential Code*®
Applicable Section: R302.9
- 2020 *City of Los Angeles Building Code*®
Applicable Section: 803.1.2
- 2020 *City of Los Angeles Residential Code*®
Applicable Section: R302.9

Identification:

1. Each component of the Model P824 formwork is identified with a label indicating the manufacturer's name and address, the product name, the part number of the component, and the ICC-ES listing report number (ESL-1129), and the ICC-ES listing mark.
2. The report holder's contact information is the following:

EPI 04 INC. DBA EXTRUTECH PLASTICS INC.
5902 WEST CUSTER STREET
MANITOWOC, WISCONSIN 54220
(920) 684-9650
www.epiplastics.com
info@epiplastics.com

Installation: The product must be installed in accordance with the EPI 04 Inc. dba Extrutech Plastics Inc.'s published installation instructions and applicable codes.

Conditions of Listing:

1. The listing report addresses only conformance with the standard and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. Extrutech Form - Model P824 is manufactured in Manitowoc, Wisconsin under a quality control program with inspections by ICC-ES.