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ICC-ES Listing Report

ESL-1070

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Reissued 05/2018

This listing is subject to renewal 05/2019.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

SECTION: 06 50 00—STRUCTURAL PLASTICS

REPORT HOLDER:

ENGINEERED PLASTIC SYSTEMS, LLC

**885 CHURCH ROAD
ELGIN, ILLINOIS 60123**

EVALUATION SUBJECT:

**BEARBOARD POLYETHYLENE DECK BOARD AND
LUMBEROCK® POLYETHYLENE DECK BOARD**



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A Subsidiary of the International Code Council®

CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 50 00—Structural Plastics

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: BEARBOARD POLYETHYLENE DECK BOARD AND LUMBEROCK® POLYETHYLENE DECK BOARD

Listee: ENGINEERED PLASTIC SYSTEMS, LLC
885 CHURCH ROAD
ELGIN, ILLINOIS 60123
(847) 289-8383
www.epsplasticlumber.com

Evaluation: Bearboard and Lumberock® polyethylene deck boards were evaluated when tested at a nominal thickness of 2 inches (50.8 mm) to the following standards:

- ASTM D7032-10a and ASTM D7032-08, Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails, ASTM International.
- UL 723-2008 and UL 723-03 (revisions through May 2005), Standard for Test for Surface Burning Characteristics for Building Materials, Underwriters Laboratories, Inc.
- ASTM E84-09 and ASTM E84-07, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.

Findings: Bearboard and Lumberock® polyethylene deck boards have a flame-spread index less than 200, based on testing in accordance with ASTM D7032 Section 4.9 and UL 723/ASTM E84, and is limited to exterior use.

Identification: Each deck board described in this report must be identified by a label bearing the company's name (Engineered Plastic Systems), the product name (Bearboard or Lumberock®), the span rating, the ICC-ES evaluation report number (ESR-2602) and/or listing report number (ESL-1070), and when applicable, the ICC-ES Listing Mark.

Installation: The Bearboard and Lumberock® polyethylene deck boards must be installed in accordance with the Engineered Plastic Systems' published installation instructions and applicable codes.

Conditions of listing:

1. Additional attributes and their applications can be found in the ICC-ES Evaluation Report, ESR-2602.
2. The listing addresses only conformance with the standards and code sections noted above.
3. Approval of the product's use is the sole responsibility of the local code official.
4. The listing applies only to the materials tested and as submitted for review by ICC-ES.