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ESL-1176

Issued 04/2019

This listing is subject to renewal 04/2020.

ICC-ES Listing Report

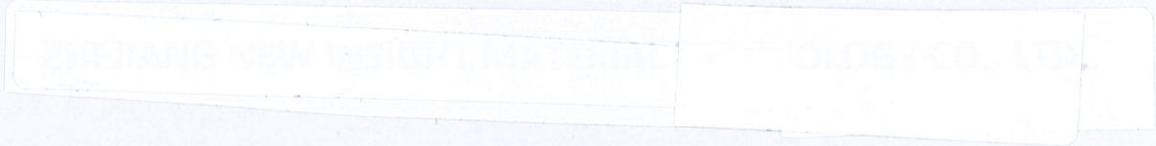
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DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

SECTION: 06 50 00—STRUCTURAL PLASTICS

SECTION: 06 53 00—PLASTIC DECKING

REPORT HOLDER:



EVALUATION SUBJECT:

**WPC DECKING ORDINARY SOLID FLOOR 217 AND CO-EXTRUSION SOLID FLOOR
221 G**



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ICC-ES Listing Report

ESL-1176

Issued April 2019

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CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 50 00—Structural Plastics
Section: 06 53 00—Plastic Decking

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: WPC DECKING ORDINARY SOLID FLOOR 217 AND CO-EXTRUSION SOLID FLOOR 221G

Listee: ZHEJIANG NEW INSIGHT MATERIAL TECHNOLOGY CO., LTD.

Evaluation: The WPC Decking Ordinary Solid Floor 217 (Model LHMA 217) and Co-Extrusion Solid Floor 221G (Model LHMA 221G) are manufactured wood plastic composite deck boards consisting of wooden powder, high-density polyethylene (HPDE), and other processing additives; and were evaluated when tested at a nominal thickness of 1-inch (22.5 mm) in accordance with the following standards:

- ASTM E84-2013A, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
- UL 723-2008 (revisions through September 2010), Standard for Test for Surface Burning Characteristics of Building Materials, Underwriters Laboratories, Inc.

Findings: The WPC Decking Ordinary Solid Floor 217 (Model LHMA 217) and Co-Extrusion Solid Floor 221G (Model LHMA 221G) have a flame spread index less than 200, based on testing in accordance with ASTM E84 / UL 723; and are limited to exterior use, as referenced in the applicable sections of the following code editions:

- 2015 *International Building Code*®
Applicable Section: 2612.3
- 2015 *International Residential Code*®
Applicable Section: R507.3.2

Identification:

1. The WPC Decking Ordinary Solid Floor 217 and Co-Extrusion Solid Floor 221G deck boards described in this listing report are identified by a label on each individual piece, or on the packaging, bearing the manufacturer's name (Zhejiang New Insight Material Technology Co., Ltd.) and address, the product name (WPC Decking Ordinary Solid Floor 217 or Co-Extrusion Solid Floor 221G), the date of manufacturing, the span rating for use as a deck board and stair tread, as applicable, and the ICC-ES evaluation report number ([ESR-4210](#)), the ICC-ES listing report number ([ESL-1176](#)), and when applicable, the ICC-ES listing mark.
2. The report holder's contact information is the following:

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DE QING, ZHEJIANG PROVINCE 313200
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<http://www.newinsight.com.cn>
sales@newinsight.com.cn

Installation: The product must be installed in accordance with the Zhejiang New Insight Material Technology Co., Ltd.'s 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-4210](#).
2. The listing report addresses only conformance with the standard and code sections noted above.
3. Approval of the product's use is the sole responsibility of the local code official.
4. The listing report applies only to the materials tested and as submitted for review by ICC-ES.