

# ICC-ES Report

# PMG-1089

ICC-ES | (800) 423-6587 | (562) 699-0543 | [www.icc-es.org](http://www.icc-es.org)

Reissued 04/2016  
This report is subject to renewal 04/2017

EVALUATION SUBJECT:

## **FIRE RESISTANT BUILDING PRODUCT, BLAZEGUARD<sup>®</sup> FIRE RATED SHEATHING, LP<sup>®</sup> FLAMEBLOCK<sup>®</sup> FIRE-RATED OSB SHEATHING**

**DIVISION:**

06 00 00—WOOD, PLASTICS AND COMPOSITES

**SECTION:**

06 16 00—SHEATHING

Report Holder:

### **BARRIER TECHNOLOGY CORPORATION**

510 4<sup>TH</sup> STREET NORTH  
WATKINS, MN 55389



Look for the ICC-ES marks of Conformity!



**ICC-ES PMG Listing****PMG-1089**

Effective Date: April 2016

This listing is subject to re-examination in one year.

[www.icc-es-pmg.org](http://www.icc-es-pmg.org) | (800) 423-6587 | (562) 699-0543 A Subsidiary of the International Code Council®CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES  
Section: 06 16 00—Sheathing

## Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Fire Resistant Building Product – for use in constructing return air plenums  
Blazeguard® Fire Rated Sheathing  
LP® Flameblock® Fire-Rated OSB SheathingListee: Barrier Technology Corporation  
510 4<sup>th</sup> Street North  
Watkins, MN 55389  
[www.intlbarrier.com](http://www.intlbarrier.com)

## Additional Listee:

Louisiana-Pacific Corporation  
414 Union Street, Suite 2000  
Nashville, TN 37219

## Compliance with the following codes:

2015, 2012, 2009 and 2006 *International Mechanical Code*® (IMC)  
2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)  
2015, 2012, 2009 and 2006 *Uniform Mechanical Code*® (UMC)\*\**Uniform Mechanical Code* is a copyrighted publication of the International Association of Plumbing and Mechanical Officials

## Compliance with the following standards:

ASTM E84-2015a, Standard Test Method for Surface Burning Characteristics of Building Materials

## Identification:

Sheathing must bear the manufacturer's name or trade mark, the product name or model number and the sheathing thickness.

## Installation:

Blazeguard® Fire-Rated Sheathing and LP® FlameBlock® Fire-Rated OSB Sheathing with the Pyrotite coating exposed to the flame, exhibit a maximum flame spread index of less than 25 and maximum smoke developed index of less than 50. As such, with the Pyrotite layer exposed to the air flow stream, both satisfy the IMC and UMC requirements for plenum construction. Under the IRC these

materials, with the Pyrotite exposed to the airflow stream, satisfy the requirements for return air ducts or plenums not exposed to condensation. Installation must comply with manufacturer's instructions and the requirements of IBC, IRC and IMC.

**Models:** Blazeguard® Fire Rated Sheathing product is a composite panel consisting of a layer of Pyrotite—an inert, inorganic fire-shield—factory-applied to either plywood or oriented strand board (OSB) complying, respectively, with US DOC PS1 or US DOC PS2. Pyrotite is applied to one or both faces of the plywood or OSB, either adhesively, mechanically or through direct application, as described in ESR-1365.

LP® FlameBlock® Fire-Rated OSB Sheathing product is a composite panel consisting of a layer of Pyrotite – an inert, inorganic fire-shield – factory-applied to oriented strand board (OSB) complying with US DOC PS2. Pyrotite is applied to one or both faces of the OSB, either adhesively, mechanically or through direct application, as described in ESR-1365.

**Conditions of Listing:**

1. This report covers only the flame spread and smoke density characteristics of the sheathing in accordance with ASTM E 84-2012. Additional information on the materials recognition to the International Building Code requirements can be found in ESR-1365 at [www.icc-es.org](http://www.icc-es.org).
2. Barrier Technology Corporation products used in HVAC systems must be installed with the Pyrotite layer exposed to the airflow stream.
3. Barrier Technology Corporation products used in HVAC systems must not be applied in areas subject to condensation.
4. Barrier Technology Corporation products covered by this report are manufactured in Watkins, Minnesota, under a quality control program with inspections by ICC-ES.

