

ICC-ES Report

PMG-1089

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Reissued 04/2017
This report is subject to renewal 04/2018

EVALUATION SUBJECT:

FIRE RESISTANT BUILDING PRODUCT, BLAZEGUARD[®] FIRE RATED SHEATHING, LP[®] FLAMEBLOCK[®] FIRE-RATED OSB SHEATHING

DIVISION:

06 00 00—WOOD, PLASTICS AND COMPOSITES

SECTION:

06 16 00—SHEATHING

Report Holder:

BARRIER TECHNOLOGY CORPORATION

510 4TH STREET NORTH
WATKINS, MN 55389



Look for the ICC-ES marks of Conformity!



ICC-ES PMG Product Certificate

PMG-1089



Effective Date: April 2017

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

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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 Sheathing

Listee: Barrier Technology Corporation
510 4th Street North
Watkins, MN 55389
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 E84-2016, 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 E84-2016. Additional information on the materials recognition to the International Building Code requirements can be found in ESR-1365 at 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.

