



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
LP® FlameBlock® Fire-Rated Sheathing
(includes the former Blazeguard® Fire-Rated Sheathing)

Listee: Louisiana-Pacific Corporation
1610 West End Avenue, Suite 200
Nashville, TN 37203
www.lpcorp.com

Compliance with the following codes:

2021, 2018, 2015 and 2012 *International Mechanical Code*® (IMC)
2021, 2018, 2015 and 2012 *International Residential Code*® (IRC)
2021, 2018, 2015 and 2012 *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 E84-2023, 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:

LP® FlameBlock® Fire-Rated Sheathing (includes the former Blazeguard® Fire-Rated Sheathing) with the Pyrotite® layer 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® layer 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:

LP® FlameBlock® Fire-Rated Sheathing (includes the former Blazeguard® Fire-Rated Sheathing) product are a composite panel consisting of a layer of Pyrotite® coating—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. The Pyrotite® coating is applied to one or both faces of the plywood or 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. Additional information on the materials recognition to the International Building Code requirements can be found in ESR-1365 at www.icc-es.org.
2. Louisiana Pacific Corporation products used in HVAC systems must be installed with the Pyrotite® layer exposed to the airflow stream.
3. Louisiana Pacific Corporation products used in HVAC systems must not be applied in areas subject to condensation.
4. Louisiana Pacific Corporation products covered by this report are manufactured under a quality control program with surveillance inspections by ICC-ES.