

BLAZEGUARD[®]

FIRE-RATED SHEATHING FOR STRUCTURAL INSULATED PANELS

**LABOR
SAVINGS**



**AVAILABLE
IN VARIETY
OF SIZES**

**IMPACT
RESISTANT**

Blazeguard Fire-Rated Sheathing for use in Structural Insulated Panels (SIPs) – Barrier Technology Corporation manufactures a fire-resistant thermal barrier panel for use in SIPs applications as the exposed face of an interior of a wall, roof, or ceiling. Blazeguard is manufactured by Barrier by applying a thin, noncombustible material to the face of oriented strand board (OSB) panel [see picture]. Blazeguard exceeds the 15 minute thermal barrier required by code, has a flame spread rating of 5 and a smoke developed index of 10-35. Blazeguard's unique technology provides an environmentally friendly, non-hazardous solution for the SIPs market.

Why is Blazeguard Fire-Rated Sheathing a Superior Alternative? Blazeguard is available in a variety of sizes including jumbo (8' x 24') panels. It eliminates gypsum board installation in the field, which speeds the construction process and reduces labor costs. The panel is ready to be finished with texture/paint if desired for interior appearance. Approximately .060-.080" thickness is added to the panel surface adding about 0.7 lbs per sq ft to the weight of the finished product. Blazeguard Fire-Rated Sheathing has obtained a 20 minute thermal barrier rating which exceeds the thermal barrier code requirement while it also prevents ignition from fire. The panel is impact resistant, non-hazardous and non-toxic. In addition, it is easy to use and handle [handle according to industry standards for SIPs panel skins] and can be disposed of in an ordinary landfill.

Blazeguard Fire-Rated Sheathing Applications for SIPs – Blazeguard is ideal for use in SIPs projects for commercial structures where the building design eliminates joints, a reveal or a batten joint is acceptable, or when using exposed joints or batten joints as part of the ceiling design.

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ICC ESR-1365

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Test Results Summary -

UBC 17-5 (Corner Room Burn) “Room Fire Test Standard for Interior of Foam Plastics Systems”

Blazeguard Fire-Rated Sheathing remained in position for the 15 minute duration of the test protecting the EPS core from char outside the area of the ignited crib.

UBC 17-3 also know as UBC 26-2 (modified ASTM E119 Test) “Test method for evaluation of thermal barrier”

Blazeguard Fire-Rated Sheathing obtained a 20 minute thermal barrier rating.

ASTM E-84 “Test Method for Surface Burning Characteristics of Building Materials”

Blazeguard Fire-Rated Sheathing has a flame spread of 5 and a smoke developed index of 10-35.

ASTM D-2794 “Impact Resistance” – Blazeguard Fire-Rated Sheathing passed with a slight indent @ 160 lbs.

Contact Us for Your Next Project – Contact us at (800) 638-4570 or info@intlbarrier.com.

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