

SIPs/Blazeguard Save Energy, Resist Fire at Lake Cabin

APPLICATION:

Structural Insulated Panels (SIPs) with Blazeguard® coating on interior face.

CODE COMPLIANCE:

[IBC 2603.4] – Thermal barrier for separating foam plastic from the interior of a building [ICC ESR-1365].

DESCRIPTION:

Structural Insulated Panels (SIPs) are factory-constructed wall and roof panels formed by laminating a foam core between two sheets of oriented strand board (OSB).

SIPs offer significantly higher R-values (lowering heating and cooling costs) than traditional stick frame building. SIPs must resist fire for at least 15 minutes on their interior face. Blazeguard coating on the interior wall of a SIP is the easiest, most cost-effective way to do this.

Blazeguard replaces gypsum wallboard as a fire barrier in this application.

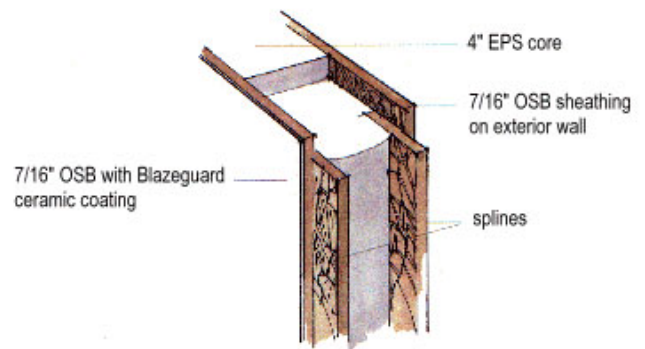
BLAZEGUARD/SIPs ADVANTAGES:

- One-step process (lowers labor costs)
- Factory-applied coating
- Class A Flame Spread (ASTM E84)
- 20 minute thermal barrier (ASTM E119)
- Non-toxic, non-hazardous
- Transferable limited lifetime warranty
- Mold resistant
- Can withstand weather on job site
- Cost competitive
- Code Compliant (ICC ESR-1365)
- May reduce insurance premiums

Blazeguard extends the value-added proposition of SIPs. On-site labor costs are significantly reduced with factory-applied coatings stamped for code approval. Panels are delivered fully ready to assemble and can be painted or finished as desired.



Blazeguard® coated SIPs allow this lake cabin to be “off-grid” and heated/cooled locally and naturally.



SIPs are factory-made wall/roof panels of foam core insulation between layers of OSB sheathing.



Interior SIP ceiling/roof surfaces can be painted and seams hidden with battens for a finished look.