

ADDING 15-MINUTE THERMAL BARRIERS to SIPs

Per the International Code Council (ICC), inhabitable buildings with foam core insulation must have 15-minute thermal barriers. For years, SIP builders have done this by nailing gypsum wall board to SIP wall and roof panels.

GYPSUM WALL BOARD METHOD

Friends Don't Let Friends Cover with Gyp: Unsightly lines and discoloration are the hallmarks of a gypsum-covered wall or roof "done on the cheap" to save costs and reduce labor charges.

To cover ONE Jumbo (8x24) panel:

- Six sheets 4' x 8' gypsum wall board
- 126 sheet-rock screws
- 134 ft. fire tape
- Mud & Paint to cover 196 sq. ft.
- Labor x \$100 - \$150 per hour
- Scaffolding, stilts, set-up
- Additional materials (to replace sheets damaged during shipping/construction).



Covering a jumbo SIP with gypsum requires six 4'x8' sheets of gypsum, 126 screws, 134 feet of fire tape and enough labor to mud and tape all seams and screws. If the surface is a roof panel, builders often must build scaffolding or pay additional labor rates for the work. If the gypsum gets damaged during transport (or in installation) throw it away. Man-hours and costs can easily skyrocket.

BLAZEGUARD® METHOD

An Easier Way: Blazeguard's patented fire-rated Pyrotite® coating offers a 20-minute thermal barrier and Class A Flame Spread rating.

To cover ONE Jumbo (8x24) panel:

- Drop the panel in place.
- Give the gypsum guys the day off.

As an added bonus, Blazeguard's white interior surface is clean and smooth enough for most commercial or industrial use and ideal for priming, painting, texturing or finishing.



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FIRE RATED SHEATHING

SIPA Member:
STRUCTURAL INSULATED PANEL ASSOCIATION

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BLAZEGUARD® FIRE-RATED SHEATHING FOR SIPs