



**FLAMEBLOCK®**  
FIRE-RATED OSB SHEATHING



Image courtesy of SK+I Architecture

## FIRE-RATED ROOF DECK APPLICATIONS



LOOK BENEATH THE IGNITION-RESISTANT PYROTITE COATING AND YOU'LL FIND THE STRENGTH OF LP® OSB.

LP® FLAMEBLOCK® FIRE-RATED OSB SHEATHING FEATURES A PROPRIETARY NON-COMBUSTIBLE, FIBERGLASS-REINFORCED PYROTITE® TREATMENT.

### STRUCTURAL STRENGTH AND CODE COMPLIANCE IN A SINGLE PANEL

LP® FlameBlock® Fire-Rated OSB Sheathing is certified to meet fire code compliance and delivers higher design values than FRT plywood at the same thickness. LP FlameBlock sheathing has the versatility to be used in Type II, III and V construction, and is a listed component in fire-rated roof deck applications.

### CODE-APPROVED FIRE-RATED STRUCTURAL SHEATHING

- ICC-certified (ESR-1365)
- 15-minute thermal barrier protection (UBC 26-2)
- 30-minute Class A Flame Spread Rating (ASTM E84, UL723)
- Combination of flame-spread resistance and burn-through resistance
- Code-compliant component of fire-rated roof decks

### DESIGN FLEXIBILITY

Because structural design values for LP FlameBlock sheathing are not reduced by the fire-retardant treatment, the panel carries load/span and shear design values equivalent to an untreated wood structural panel in the same panel thickness category. Available in 7/16" thickness category, which can match up more closely with untreated OSB in regions where 7/16" roof decking is used.

### STRENGTH

Carries design values for load/span and shear that are superior to fire-retardant treated wood structural panels of the same thickness.

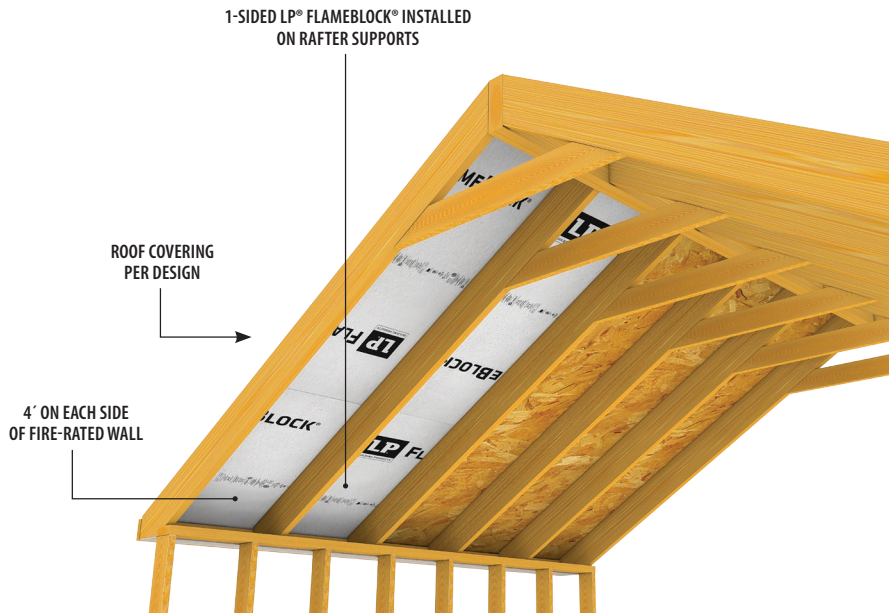
### WEATHER RESISTANCE

Exposure 1 classification certifies that LP FlameBlock sheathing is able to withstand moisture during normal construction delays. Interior-grade FRT plywood must be protected from precipitation during construction.



## ROOF DECK APPLICATION PROVIDES EXPOSURE 1 WEATHER RESISTANCE

LP FlameBlock sheathing in roof deck applications outperforms FRT plywood in structural design rating at the same panel thickness. Exposure 1 classification certifies that it's able to withstand moisture during normal construction delays. (FRT plywood does not carry Exposure 1 certification.)



### ROOF DECK – TYPE III & V CONSTRUCTION

- Commonly used for vertical continuity of fire walls in townhomes, condominiums and apartments (IBC Section 706.6)
- Higher load/span ratings than FRT plywood at same thickness
- Available in a range of thickness categories, including 7/16" to provide consistency with 7/16" standard OSB where applicable
- Certified Exposure 1 weather resistance
- Reduces labor costs and construction time compared to gypsum-over-wood structural panel option
- Panels lie flat with no delamination

LP® FlameBlock® Fire-Rated OSB Sheathing helps you meet fire codes while reducing dead load and wall thickness versus common alternatives. It offers higher design values than FRT plywood at the same thickness and provides a better substrate for securely fastening exterior facing. Choose LP FlameBlock sheathing for your next project.

### DRIVING INNOVATION IN FIRE-RESISTANT CONSTRUCTION



For more information about LP® FlameBlock® Fire-Rated OSB Sheathing, including our Technical Guide, call 1-888-820-0325 or visit [LPCorp.com/FlameBlock](http://LPCorp.com/FlameBlock)

[LPCorp.com/FlameBlock](http://LPCorp.com/FlameBlock)  
Phone: 1-888-820-0325  
Fax: 1-877-523-7192  
Email: [Customer.Support@LPCorp.com](mailto:Customer.Support@LPCorp.com)

Cal. Prop 65 Warning: Use of this product may result in exposure to wood dust, known to the State of California to cause cancer.

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