

PROBOARD[®] FR

PREMIUM GPS 

Fire-Resistant
Rigid Insulation



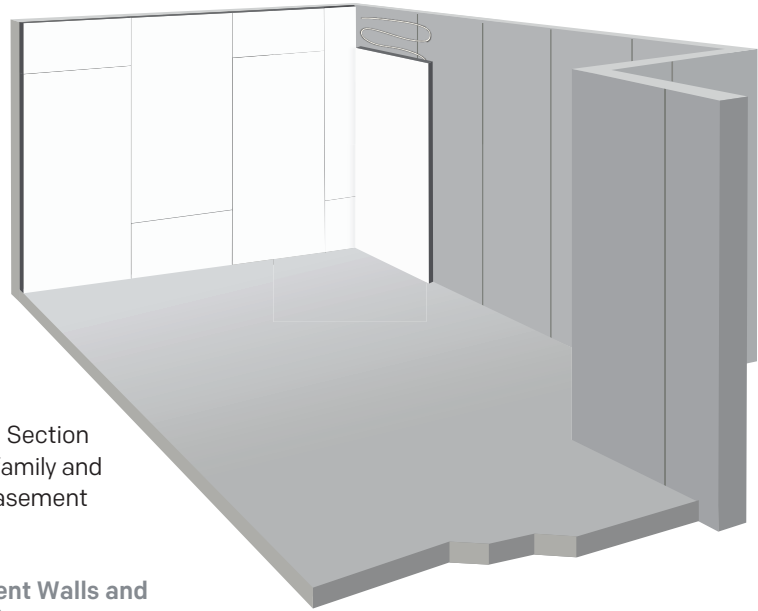
Proboard® FR Fire-Resistant Rigid Insulation designed for interior applications.

Discover Proboard FR, the interior insulation solution perfectly designed for spaces left unfinished.

Proboard FR is perfect for any basement wall, adding high, long-term R-value from slab to foundation top. Its bright white facer appeals to homeowners viewing unfinished, newly constructed basements.

Multi-use applications with Fire-Resistant performance

Proboard FR meets testing to NFPA 286 in accordance with IBC 2015, Section 2603.9 and IRC 2015, Section 316.6. It can be used in residential, multi-family and light commercial interior applications and is specially designed for basement walls, crawl spaces, subfloors on slab, and interior walls and ceilings.



Interior Foundation



Interior Walls and Attic Walls



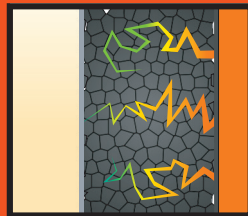
Basement Walls and Crawl Space



Tap the Power of High-Performance Graphite Polystyrene

Proboard FR with Graphite Polystyrene (GPS) delivers incredibly powerful benefits.

- R-5 Performance: GPS fuses the insulating power of air with millions of graphite particles. This unique cellular structure reflects radiant heat energy hundreds of times as it moves through the insulation to slow heat transfer and increase R-value
- R-Hold™ Technology, does not lose R-value over time like other foam



- Zero thermal drift – performs consistently in varying temperature conditions.
- Ultra-low moisture absorption – does not retain moisture like other foam
- High drying capacity – results in maintained R-value.
- Does not off-gas or breakdown over time
- Manufactured with a flame retardant
- Protected from insect degradation with safe insect inhibitor
- GPS is 100% recyclable and ozone-layer friendly – no CFC's or HCFC's are used

Performance benefits make Proboard® FR the ideal choice.

Proboard FR with Graphite Polystyrene (GPS) for the best, long-term thermal protection plus these high performance benefits:

Fire-Resistant Performance

- Specifically formulated to not require a thermal or ignition barrier when installed on any interior wall surface
- In thicknesses up to 2.28", Proboard FR meets testing to NFPA 286 in accordance with IBC 2015, Section 2603.9 and IRC 2015, Section 316.6.
- Can be installed and left exposed when used in internal applications, making it the ideal insulation for areas left unfinished



Thermal Performance

Proboard FR's GPS core provides a powerful R-5 per nominal inch.*

- Minimizes energy loss (conduction) from "thermal bridging"
- Reflective back facer adds rigidity and boosts thermal performance (with appropriate air space).
- R-Hold™ Technology ensures R-value performance remains permanent
- Does not deteriorate, breakdown or lose thermal performance over time like other insulation
- Does not "off-gas" like other foams that rely on gases to deliver thermal benefits – meaning the gases used in manufacturing other insulation products slowly disperse from the foam causing loss of R-value and performance degradation



*Thermal performance claim based on a thickness of 1-1/16"

Versatile Insulation

- Install Two Ways! *Side 1:* White unprinted facer provides a brighter, cleaner and more finished interior appearance. Helps brighten up areas under limited lighting conditions. *Side 2:* Features a printed reflective facer .
- Unlike fiberglass drapes and other foam sheathing products, Proboard FR provides a safer, low-maintenance interior environment
- Proboard FR installed on basement walls provides a more comfortable unfinished space, while also allowing for the opportunity to finish the space if desired



Moisture Management

Proboard FR provides valuable protection from moisture which can potentially cause damage to materials or lead to hazardous living conditions for the occupants.

- Ultra-low moisture retention
- High-drying capacity



Termite Resistance

GPS is protected from insect degradation with a specially formulated insect inhibitor that's safe for humans and pets.



Specifications and Performance

Classification of Insulation Component

Compressive Strength PSI (kPA)	ASTM D162
Density lb/ft ³ (kg/m ³) [minimum]	ASTM D1622
Flexural Strength PSI (kPA)	ASTM C203
Water Vapor Permeance of 1.00 in thickness, Min, perm (ng/Pa·s·m ²)	ASTM E96
Vapor Retarder Classification	ASTM E96
Flame Spread	ASTM E84
Smoke Development	ASTM E84
Room Corner Burn	NFPA 286

Standard Thickness:
Standard Panel Sizes:

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Type XI

5
0.85
10
<0.1

Class I

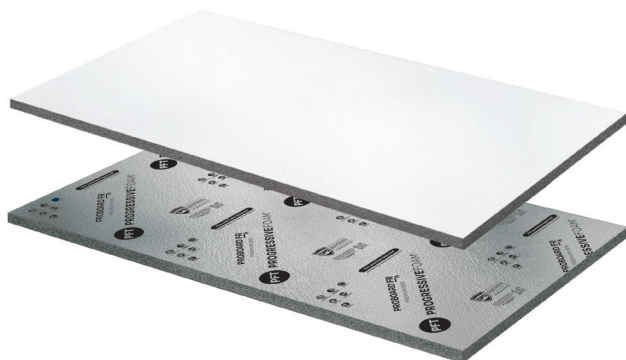
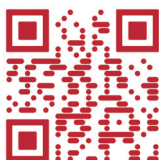
5
40

Can be used without
ignition barrier

.59," 1.02," 1.55," 2.09"

4' x 8', 4' x 9'

Scan for more
information



About Progressive Foam Technologies

As the inventors of insulated vinyl siding and as a leading polystyrene insulation manufacturer for over 30 years, Progressive Foam Technologies has built its business by exclusively partnering with the building industry value chain. PFT works closely with siding manufacturers, building products distributors, home improvement pros, builders, and contractors of all types to bring powerful, reliable insulation solutions to North America.

For More Information:

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