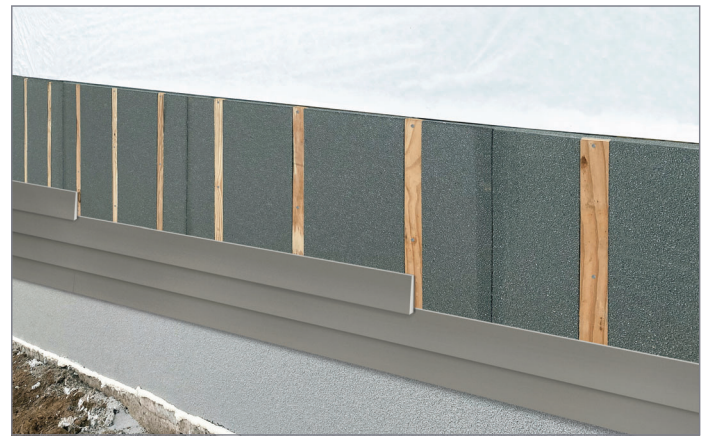
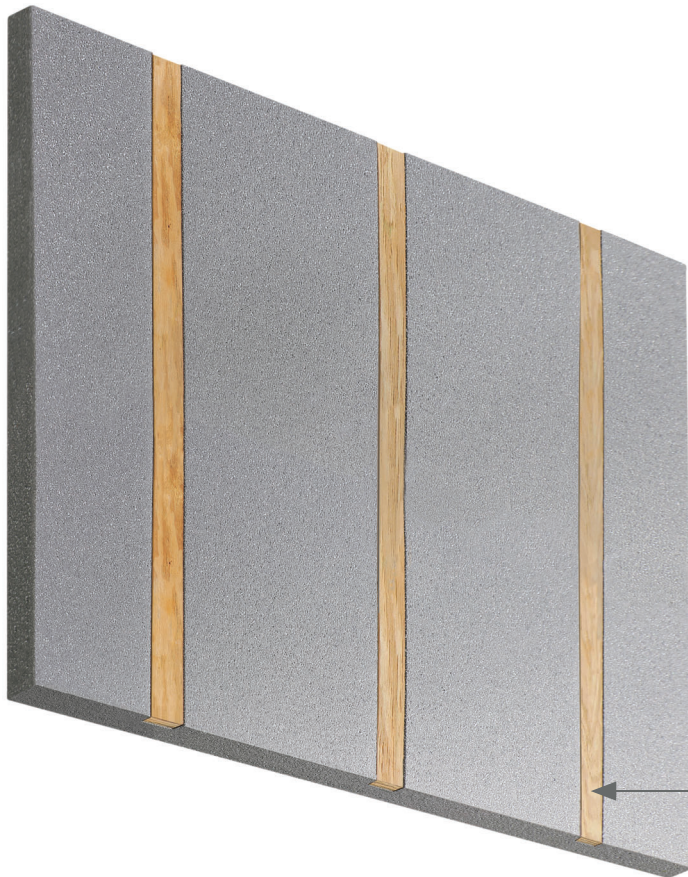




Furred Graphite Polystyrene Insulation



Attach cladding to furring for beautiful energy efficiency.

## Achieve Code Compliance on Foundations and Exterior Walls.

**New ReadyClad® provides high-performing continuous insulation** on exposed perimeter foundations and features built-in, treated plywood furring strips to accept cladding installations. This allows for the cladding to efficiently and beautifully transition from above the sill plate to the finished grade level. The result is a better all-around solution:

**Better insulates exposed foundations.**

Boosts thermal performance by fighting thermal bridging with the power of Graphite Polystyrene (GPS).



**Improves the finished appearance.** Provides the necessary surface for installing the desired cladding material to achieve the attractive finish homeowners and homeowner associations demand.

Most cladding requires furring strips if installed on top of insulation that is 1" or more in thickness. ReadyClad features

strong, treated plywood furring strips, providing a solid surface for installation of both the insulation and the cladding, and helping prevent sag or other issues.

ReadyClad is the optimum turn-key solution! Don't waste time and money manually adding furring strips to flat insulation. ReadyClad furring strips are firmly bonded to the foam and flush with its surface to support the cladding without voids or gaps that can lead to twisting or unevenness of cladding over time.



## Key Features and Benefits

- **Continuous Insulation with built-in, treated plywood furring strips** for installing cladding or foundation covering.
- **Provides the perfect surface** to accept the desired cladding option.
- **Allows the continuation of exterior wall cladding** to transition from above the sill plate to the grade level.
- **Reduce fastener lengths** with built-in, treated plywood furring strips—easier and faster installation of cladding.
- **R-Value up to 9.2! Powerful Graphite Polystyrene (GPS)** insulation improves energy performance by reducing thermal bridging.
- **Better Moisture Management with GPS.** Fast-drying and vapor-permeable to allow water vapor to escape the wall system and avoid the trapping of moisture. Permeance up to 3.5.
- **Helps reduce sound transmission** for quieter interior.
- **Treated plywood furring strips** are more stable and less prone to warping and cracking than standard lumber. Protected from moisture, rot and insect damage to enhance durability.
- **Preventol<sup>®</sup>TM-EPS additive to foam** provides termite resistance.
- **Works seamlessly with other Progressive Foam Insulation Products** (such as Proboard<sup>®</sup> Core<sup>™</sup> and Proboard<sup>®</sup> Versa<sup>™</sup>)



## ReadyClad<sup>®</sup> Installation Guidelines

- **Fasteners: Exterior-grade screws are the recommended fasteners. Nails are not recommended.** (If nails are used ensure the pull strength rating of the nail is adequate to hold the weight of the siding.)
- **Attach screws at top and bottom** at least 2" from the edge.
- **Screw placements** should be no more than 24" going vertically, but 16" on center going horizontally into the wood strip, penetrating into the structural substrate.
- **For wood substrate:** Attachment screws should be #12 and provide a minimum of 1.5" of penetration into the wood structural member/stud.
- **For concrete substrate:** Attachment screws should provide 2" of penetration into the concrete substrate.
- **Foam adhesive or panel adhesive** can be used to enhance the bond to the building substrate along with fasteners. The adhesive should specifically state it is compatible with polystyrene foam insulation.
- **Foam board joints and corners** should be butted together tightly.
- **Foam board should fit** continuously against the substrate.

## Specifications

### Finished ReadyClad Boards

R-Value and Thickness (ASTM C518)	R9.2 = 2.125" R6.4 = 1.5"
Dimensions	4' x 8'
Edge Detail	flat

### Graphite Polystyrene Rigid Insulation

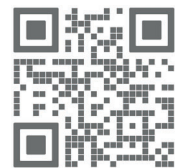
Classification (ASTM C578)	Type II
Density (ASTM D1622)	1.35
Permeance (ASTM E96)	Up to 3.5
Compressive Strength (ASTM D1621)	15 PSI
Flexural Strength (ASTM C203)	35 PSI
Flame (ASTM E84)	10
Smoke Developed (ASTM E84)	300

### Built-in, Treated Plywood Furring Strips

Width	1.94"
Length	95"
(approximate .5" gap between ends of furring strip and foam board)	
Thickness	.75"
Furring Strips Position	16" OC
within a recessed channel in the foam board	



Built-in, treated plywood furring strips are bonded to GPS Foam with specially formulated adhesive.



Scan for more information

