



R-CONTROL SIPs

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# STRUCTURAL INSULATED PANELS WITH PERFORM GUARD®

CONTROL,  
NOT COMPROMISE.®

# R-CONTROL SIPs MAKE ROUTINE CONSTRUCTION EFFICIENT, AND COMPLEX CONSTRUCTION POSSIBLE.

## Control, not compromise.

The first time you see R-Control® SIPs on a job site, it's natural to wonder how they could possibly work better than stick framing. But R-Control SIPs do work better—proven in over 30 years of use—because they offer architects, designers and builders control over their projects, without compromise.

R-Control SIPs (structural insulated panels) are engineered and custom manufactured to give you control over every aspect of your project: from design and timelines, to materials and costs, and—ultimately—the quality of the finished project. The advantages of using R-Control SIPs include:

- Unlimited design possibilities for any type of structure
- Superior strength: wind, snow and earthquake resistant
- State-of-the-art energy efficiency and insulation
- Easy to use, fast, and efficient; up to 50% faster than stick framing
- Lower labor costs
- Reduces waste and theft at job site
- Eliminates surprises on the job site
- Comes standard with Perform Guard® termite protection
- Warranted system

## R-Control SIP R-values

Panel Thickness	R-value at 75° F	R-value at 40° F
4 1/2"	14.9	16.0
6 1/2"	22.6	24.3
8 1/4"	29.3	31.6
10 1/4"	37.0	39.9
12 1/4"	44.7	48.3

### Control Your Energy Use.

*When compared to stick framing, testing proves that R-Control SIPs dramatically reduce air leakage.*

## Is this the ideal building material?

R-Control SIPs are a strong structural system consisting of Foam-Control® EPS (expanded polystyrene) insulation laminated between sheets of structural sheathing. This simple sandwich forms an amazingly strong structural panel for building walls, roofs and floors.

With their versatility, strength, cost effectiveness, and energy efficiency, R-Control SIPs are ideal for a wide range of residential and commercial projects. R-Control SIPs open the door to virtually unlimited design possibilities; putting you in control of your building system, not the other way around. And every R-Control SIP is custom made according to your specifications and drawings, so you get exactly what you need for your project.

**Every R-Control SIP is custom made to your specifications, so you get exactly what you need, every single time.**

## Proven to meet, or exceed, building codes.

R-Control SIPs have been extensively tested by nationally recognized laboratories. R-Control SIPs have been proven to meet or exceed all structural and fire code regulations, greatly reducing your liability exposure. For 30 years, R-Control SIPs have shown they're the strongest, most reliable, and effective SIPs available anywhere.



R-Control SIPs are heavyweights against the destructive agents of mold, mildew and termites. The Foam-Control EPS in our R-Control SIPs is treated with Perform Guard termite protection.

**CONTROL YOUR MATERIALS. CONTROL YOUR R-VALUES. CONTROL YOUR PROCESS. CONTROL YOUR COSTS. CONTROL YOUR TIMELINE.**



**DON'T COMPROMISE YOUR QUALITY. DON'T COMPROMISE YOUR ENERGY EFFICIENCY. DON'T COMPROMISE YOUR STRUCTURAL INTEGRITY.**

## Even rising energy costs are no match for R-Control SIPs.

R-Control SIPs provide superior insulation for exterior walls, floors and roofs/ceilings. The solid construction system of R-Control SIPs blocks wind and moisture, providing optimum comfort for temperature, noise and dust control. Heating, ventilating and air conditioning systems can be downsized with R-Control SIPs, creating significant energy savings.

## More than a SIP—a complete system.

When you choose R-Control SIPs, you're collaborating with a team of experts who work with you every step of the way. We're here to answer your questions, solve your problems, and do everything we can to make sure your project proceeds smoothly—and ends successfully.

R-Control SIPs and other Foam-Control EPS products are manufactured by AFM Corporation's network of licensed manufacturers throughout North America and the world. AFM's licensed facilities adhere to strict, consistent standards to ensure uniformly high-quality EPS products, including custom-made R-Control SIPs.

This network allows us to offer architects, designers and builders the best of both worlds: the resources of the country's largest provider of EPS insulation products and systems, and the superior attention and customer service of a local supplier.

## Ready to take control? Start here.

If you're wondering how R-Control SIPs can work on your next project, just contact your nearest R-Control manufacturer. They'll be happy to collaborate on design, walk you through R-Control SIP installation, provide test data, pricing, and answers to all your questions. Start by visiting our web site: [www.r-control.com](http://www.r-control.com).



# CONTROL, NOT COMPROMISE.®

## Only R-Control SIPs come standard with Perform Guard:

All R-Control SIPs come with Foam-Control EPS treated with Perform Guard to resist termites so your building structure remains strong. Some of the benefits of Perform Guard include:



- Resistant to termites
- Safe for people
- EPA registered
- Code compliant
- Cost effective

NE. CONTROL YOUR LIABILITY. CONTROL YOUR COSTS. CONTROL YOUR R-VALUES. CONTROL YOUR LIABILITY. CONTROL YOUR R



TEGRITY. DON'T COMPROMISE YOUR PROFITABILITY. DON'T COMPROMISE YOUR DESIGN. DON'T COMPROMISE YOUR REPUTATION. D

# CONTROL, NOT COMPROMISE.®

## CONTROL YOUR:

- MATERIALS
- R-VALUES
- PROCESS
- COSTS
- TIMELINE
- LIABILITY

## DON'T COMPROMISE YOUR:

- DESIGN
- ENERGY EFFICIENCY
- STRUCTURAL INTEGRITY
- PROFITABILITY
- QUALITY
- REPUTATION



# ACH

## FOAM TECHNOLOGIES

For further information about

R-Control SIPs

visit [www.achfoam.com](http://www.achfoam.com)



R-Control SIPs are made exclusively with Foam-Control EPS. R-Control SIPs and Foam-Control EPS are manufactured by AFM Corporation licensees.

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