

# R-Control® SIPs

## The ideal engineered building component.

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.

## Applications.

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.

## Energy Efficiency.

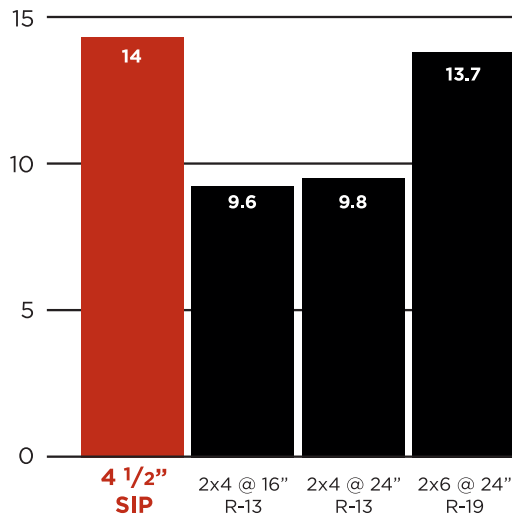
Extensive testing has shown the effectiveness of the high R-value of R-Control SIPs, fewer thermal breaks, and lower air infiltration.

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

Whole wall R-value calculations factor in all of the effects of structural members at windows, doors, and wall corners.

### WHOLE-WALL R-VALUE

Higher R-value = higher comfort + lower energy cost



## CONTROL, NOT COMPROMISE.®

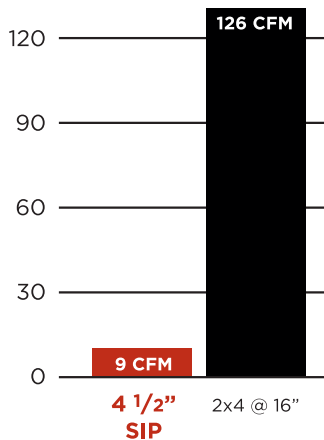
R-Control SIPs (structural insulated panels) are engineered and custom manufactured to give you control over every aspect of your project: from design and timelines, to materials and costs, and—ultimately—the quality of the finished project. The advantages of using R-Control SIPs include:

- 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 SIPs display far greater airtightness than 2x6 framing and fiberglass insulation.

### WHOLE-ROOM AIR INFILTRATION ORNL TESTING

Lower cfm = higher comfort + lower energy cost



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 structural and fire code regulations. R-Control SIPs have shown they're the strongest, most reliable, and effective SIPs available anywhere.



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### R-Control SIPs 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

\* Perform Guard is not a barrier, but should be used in conjunction with a total Pest Management Program available from a reputable Pest Control Operator.

### R-Control SIPs with FrameGuard®:



FrameGuard treatment for wood is available to resist mold, mildew and termite damage to its wood components.

### 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.

### 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).



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**CONTROL,  
 NOT COMPROMISE.®**